

State Journal of Medicine

ISSUED MONTHLY; OWNED AND PUBLISHED BY THE

MEDICAL SOCIETY OF THE STATE OF CALIFORNIA

VOL. III, No. 3

MARCH, 1905

15560 \$3.00 A YEAR

Editorial. CONTENTS.

A Little History—Our State Legislators — Misplaced Confidence — The Hall of Fame—Book Reviews—Bind Your Journals—Danger in X-Ray Exposure—The Uric Acid Fallacy..... 67-70
 The Relation of the A. M. A. to Medical Advertising 70
 Surgical Interference in Tuberculosis of the Bladder.—(Concluded.) By Granville MacGowan, M. D..... 71

Neurasthenia in Childhood—By Hubert N. Rowell, M. D..... 74
 Tumors of the Kidney—By Harry B. Reynolds, M. D..... 76
 Surgical Treatment of Chronic Tonsillitis—By J. A. Black, M. D..... 78
 The Effects of Tonsillotomy—By W. B. Stephens, M. D..... 79
 Some Remarks on Gonorrhea in Women —By Beverly MacMonagle, M. D... 81

Manufacturing Pharmacists of So-called Proprietary Remedies and the Medical Profession—By William H. Dukeman, M. D..... 83
 Flies as Carriers of Contagion—By George H. Aiken, M. D..... 84
 Aseptic Catheterization of the Urinary Passages—By M. Krotoszyner, M. D. and W. P. Willard, M. D..... 85
 The Sanitary Needs of the State—By N. K. Foster, M. D..... 88
 (Continued on Page v.)

ENTERED JUNE 6, 1903, AT SAN FRANCISCO, CAL., AS SECOND-CLASS MATTER.



HIGHLAND BRAND EVAPORATED CREAM IS THE SIMPLEST YET MOST COMPLETE FOOD FOR INFANTS

From our Model Dairy Farms we obtain *milk of the highest quality*—sterilize it, and evaporate it down to a cream-like consistency. Our special treatment of the casein, while being heated, makes it more easy of digestion and more readily assimilated than raw milk. *Clean milk is absolutely essential in infant feeding.* Highland Brand Evaporated Cream is the cleanest of milk—pure, germ-free, of uniform composition—and always ready.

TRIAL QUANTITY TO PHYSICIANS ON REQUEST

MANUFACTURED BY
 THE HELVETIA MILK CONDENSING CO., Highland, Ill.

Oakland College of Medicine and Surgery

Corner Thirty-first and Grove Streets, Oakland, California

FACULTY

FRANK L. ADAMS, A. B., M. D., Professor of Clinical Surgery.
 D. D. CROWLEY, M. D., Professor of Principles and Practice of Surgery and of Clinical Surgery.
 ROBERT T. STRATTON, M. D., Professor of Surgical Anatomy and Surgical Diseases of the Nervous System.
 HAYWARD G. THOMAS, M. D., Professor of Ophthalmology, Otolaryngology and Laryngology.
 CARL RUDOLPH KRONE, A. M., M. D., Professor of Medicine, Acting Professor of Physiology.
 JOSEPH L. MILTON, M. D., Professor of Anatomy.
 EDWARD NORTON EWER, M. D., Professor of Obstetrics.
 W. FRANCIS B. WAKEFIELD, M. B., M. D. C. M., Professor of Gynecology.
 OLIVER D. HAMLIN, M. D., Associate Professor of Medicine.
 WILLIAM S. PORTER, M. D., Associate Professor of Gynecology.
 JEREMIAH MAHER, A. M., M. D., Professor of Pediatrics.
 WILLIAM KELLEY SANBORN, Ph. G., M. D., Professor of Materia Medica and Therapeutics.

HON. S. P. HALL, Professor of Medical Jurisprudence.
 WILLIAM P. MILLIKEN, B. S., Professor of Chemistry and Toxicology.
 THOMAS C. MCCLEAVE, M. D., Lecturer in Pathology and Histology.
 THOMAS J. CLARK, M. D., Lecturer in Dermatology.
 LEMUEL F. ADAMS, A. B., M. D., Demonstrator of Anatomy.
 JAMES BURRIS WOOD, B. S., M. D., Lecturer in Organic and Applied Chemistry.
 THOMAS A. WILLIAMS, M. D., Lecturer in Bacteriology.
 ALEXANDER S. KELLY, M. D., Lecturer in Physiology.
 ALLEN F. GILLIHAN, M. D., Lecturer in Histology.
 BENJAMIN F. BAKEWELL, M. D., Demonstrator of Anatomy.
 M. LEWIS EMERSON, M. D., Demonstrator of Pathology.
 DUDLEY SMITH, M. D., Lecturer in Materia Medica and Therapeutics.
 GEORGE G. REINLE, M. D., Clinical Assistant in General Medicine.

REQUIREMENTS FOR ADMISSION.

One of the following qualifications: (a) A certificate showing that the applicant has passed the regular examinations for admission to the University of California, Stanford University or any other University or College whose standard of admission is equivalent; provided that students deficient in Latin may be allowed one year to make up such deficiency. (b) A certificate of graduation from an accredited high school or academy. (c) A certificate of graduation from a normal school established by State authority. Attendance is required upon four regular courses of lectures of eight months each. FEES.—Matriculation Fee (paid but once) \$5.00; Practical Anatomy Fee for each of two years, \$10.00; Tuition Fee (for each year of attendance), \$100.00; Graduating Fee (paid but once, but not returnable), \$25.00. Laboratory Fees are charged to cover the actual cost of material used.

Address all letters regarding College matters to EDWARD N. EWER, M. D., Registrar, 1111 Washington St., Oakland.

STATE SOCIETY MEETS AT RIVERSIDE, APRIL 18-20, 1905

"The Preparation which made Coca known as a Remedy!"

VIN MARIANI

Introduced Half a Century Ago, Maintains Inimitable Excellence.

FORMULA: VIN MARIANI combines in an agreeable and nutritious French Grape Wine the Unique Medicinal Properties of Specially selected Erythroxylon Coca. Each half-litre bottle represents the Aromatic and Desirable Constituents of Two Ounces of Fresh Coca.

MODE OF ADMINISTRATION.

ADULTS: The usual portion is a wineglassful directly before, or after each meal.

CHILDREN: A proportionate quantity according to age and necessity.

VIN MARIANI is absolutely pure, contains no harmful ingredient, and is entirely free from unpleasant after effects. It may be employed as frequently and as liberally as directed by the physician.

GOVERNMENTAL ANALYSIS MADE AT THE PARIS MUNICIPAL LABORATORY.

Quantitative analysis number 247.

The Director of the Municipal Laboratoire de Chimie certifies Vin Mariani represents exactly:

Density, at 15° C.	1.014
Alcohol, percentage in volume, at 17°	17.07
By weight, per litre	142.9
Extractive, at 100° in grams, per litre	87.36
Sugar, before inversion, per litre	41.60
reduced after inversion, per litre	68.80
Sulphate of potassium, in grams, per litre	0.91
Tartrate, in grams, per litre	1.85
Ash	2.24
Acid, calculated as sulphuric	3.13
Acid sulphurous	none
Acid salicylic	none
Saccharin	none
Coloring matter	nothing abnormal
Deviation of polarimeter, before inversion	+2°44'
after inversion	-2°16'
Coca bases, combined, in grams, per litre	0.220

(Signed) GRARD, Chemist,

Director Municipal Laboratory.

Paris, France, March 24, 1900.

A DIFFUSIBLE TONIC STIMULANT ADVOCATED IN Convalescence-Wasting Diseases- Neurasthenia

AND ALLIED CONDITIONS.

UNITED STATES ANALYSES

Under Pure Food Commission of Ohio, State Board of Health of Pennsylvania and Illinois Pharmacy Board, confirm examinations made in France, Germany, Russia and elsewhere, and demonstrate VIN MARIANI absolutely pure.

WE WILL DEEM IT A PRIVILEGE TO ANSWER INQUIRIES FROM THE MEDICAL PROFESSION AND WILL SEND DETAIL LITERATURE ON REQUEST.

MARIANI & COMPANY,

52 West 15th Street, New York;

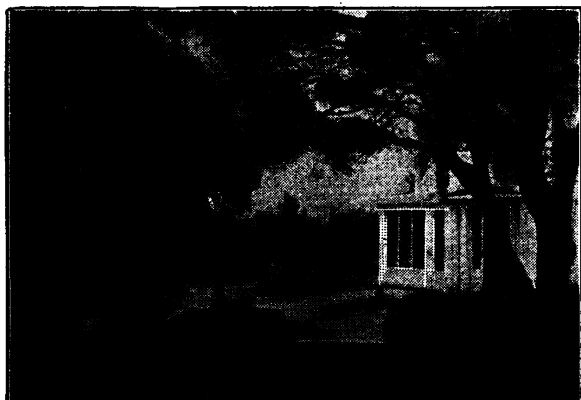
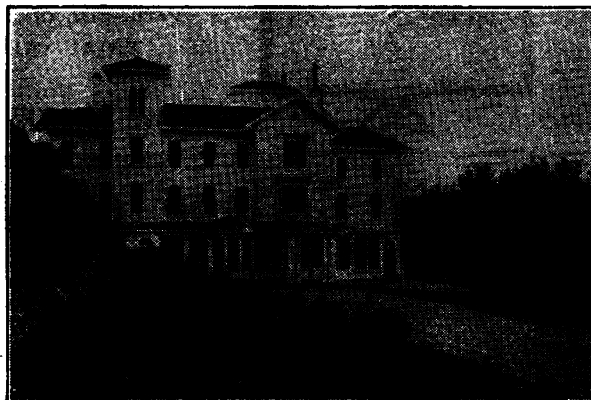
PHARMACIE MARIANI, 41 Boulevard Haussmann, PARIS;

Laboratories: Neuilly Sur-Seine, FRANCE

THE GARDNER SANITARIUM (Incorporated)

Ralston Place, Belmont,
San Mateo County, California

Telephone Main 37



For the treatment of mild mental disorders, nervous diseases, the drug and liquor habit and patients convalescing from serious illnesses.

Unexcelled Advantages for the Rest Cure

A Physician is Constantly in Attendance

SAN FRANCISCO OFFICE, 751 SUTTER ST.

DR. A. M. GARDNER, Superintendent

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

PASO ROBLES HOT SPRINGS



HOTEL EL PASO DE ROBLES.

Rheumatism
Lumbago
Neurosis
Malaria
Eczema
Liver
and . . .
Kidney
Diseases

Hot Sulphur Springs in the Hotel Grounds

THE HOT, COLD, STEAM, MUD AND PLUNGE
BATHS ARE IN CHARGE OF AN EXPERT MASSEUR

A Resident Physician for consultation.

Special arrangements for guests to keep in touch with their regular physician.
The altitude is 720 feet.

The warm, clear air of the day and the cool nights make an ideal climate.

The quiet surroundings make PASO ROBLES an excellent resort for convalescents.

YET THERE IS PLENTY OF AMUSEMENT:

Club House with Bowling and Billiards
Tennis Courts, Croquet Grounds,
Riding, Driving and Hunting.

The Hotel is solidly built of brick with large, well ventilated rooms, newly furnished, and broad, shady verandas. The meals are exceptionally good.

The handsome illustrated descriptive booklet CONTAINING TESTIMONIALS
FROM THE MOST PROMINENT PHYSICIANS ON THE COAST will be
sent on application.

W. A. JUNKER, Lessee and Manager,
PASO ROBLES, CAL.

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."



Listerine Dermatic Soap

An antiseptic detergent for use in
the antiseptic treatment of
diseases of the skin.

LISTERINE "Dermatic" Soap contains the essential antiseptic constituents of eucalyptus (1%), mentha, gaultheria and thyme (ea. $\frac{1}{4}\%$), which enter into the composition of the well-known antiseptic preparation Listerine, while the quality of excellence of the soap-stock employed as the vehicle for this medication, will be readily apparent when used upon the most delicate skin, and upon the scalp. Listerine "Dermatic" Soap contains no animal fats, and none but the very best vegetable oils; after its manufacture, and before it is "milled" and pressed into cakes a high percentage of an emollient oil is incorporated with the soap, and the smooth, elastic condition of the skin secured by using Listerine "Dermatic" Soap is largely due to the presence of this ingredient. Unusual care is exercised in the preparation of Listerine "Dermatic" Soap, and as the antiseptic constituents of Listerine are added to the soap after it has received its surplus of unsaponified emollient oil, they retain their peculiar antiseptic virtues and fragrance.

A sample of Listerine Dermatic Soap may be had upon application to the Manufacturers

Lambert Pharmacal Co.

St. Louis, U. S. A.



EUCA=MUL

(BINZ)



A BRONCHIAL SEDATIVE AND ANTISEPTIC

AN EMULSION OF C. P. EUCALYPTUS OIL
(2 Min. to 31) GLYCERINE AND HONEY

**EUCA-MUL WILL RELIEVE COUGH
AND WILL NOT IMPAIR DIGESTION**

EUCA-MUL CONTAINS NO NARCOTIC

TRY EUCA-MUL IN WHOOPING COUGH OR
CROUP AND WATCH RESULTS

Absolutely pure non-irritating Eucalyptus Oil manufactured by us and supplied to physicians only.
Samples and literature gladly supplied on application.

EDWARD G. BINZ

2500 S. Main St.

Los Angeles

X=Rays

Apparatus

The very best complete outfits
for either ALTERNATING or
DIRECT CURRENT. Give
absolute satisfaction.

Tubes

Even if you have apparatus let
me quote prices on my improved
ADJUSTABLE-VACUUM
TUBES—the best to be bought
for any money.

Estimates and Prices Very Gladly Quoted

I also manufacture any style of
small incandescent lamps,
Crookes' tubes and glass
apparatus for scientific purposes.

G. E. Lamont

126 Kearny Street - San Francisco, Calif.

TELEPHONE RED 4143

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

STEARNS' ANTITOXIN

Why it is Popular

We do not claim that our diphtheritic antitoxin is the only good product of its kind on the market, for undoubtedly the standard of quality in most American serums is high.

It is significant, however, that most of the users of our antitoxin formerly used the product of other makers (who were in business before we took up this line) and thus give the Stearns brand a logical preference. We believe no other brand is more widely or more favorably known.

The majority of physicians who have expressed themselves to us say they consider our serum better than any other; and nearly all the rest explain their preference by saying that they find our "Simplex" syringe the most convenient and satisfactory, while at the same time our serum has no superior.

Either of these two reasons is weighty. If you have not yet tried Stearns' Diphtheritic Antitoxin we request that you do so at the first opportunity. The result will show why Stearns' serum has so many friends though on the market but six years. No better serum can be made than is produced in our \$100,000 biologic department---while the superior convenience, strength and safety of our syringe are evident at a glance.



**FREDERICK
STEARNS
AND COMPANY**



DETROIT, MICH. U. S. A.

WINDSOR, ONT.-LONDON, ENG.-NEW YORK CITY.

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

It Stands the Test

TYREE'S ANTISEPTIC POWDER

WAR DEPARTMENT
SURGEON GENERAL'S OFFICE

WASHINGTON, D. C., Jan. 8, 1890.

This is to certify that the exact Antiseptic strength of Tyree's Pulv. Antiseptic Comp. is one part of the Powder to 50 of water (1:50). Test-tubes containing peptonized beef broth were charged with the powder (Tyree's Antiseptic Powder.) The solution was then inoculated with the Anthrax Bacillus and with the Straphylococci of Pus and the tubes placed in the incubator for 48 hours at a temperature of 39 deg. C. On removing the tubes from the incubator it was found that in the solutions of one in ten to one in fifty there was no development of Bacteria.

W. M. GRAY, M. D., Microscopist,
Army Medical Museum.



Formula on Every Box.
Always Insist Upon Getting
Original Packages.
Only the Genuine Tyree's
Powder Reliable. Literature
and Trial Sample
Free.

THE smallest actual fact is better than the most magnificent statements of impossibilities. Tyree's Antiseptic Powder promises no more than it really does. It has been found extremely useful when applied to all mucous surfaces, external or internal—Vaginal, Urethral, Rectal, Nasal, Oral, Pharyngeal, Intestinal, etc. Dilutions up to 1 part in 50 are still germicidal; that gives great value and makes it economic. Its range of utility in the large field of antiseptics is wider than that of any other preparation.

J. S. TYREE - - Chemist - - WASHINGTON, D. C.

FORMULA—Parts, sod. bor., 50; alum 50; ac. carbol., 5; glycerin 5; the cryst. principles of thyme, 5; eucalyptus, 5; gaultheria 5, and mentha 5.

RETAIL DEPARTMENT
STANDARD OPTICAL CO.
217 KEARNY ST., SAN FRANCISCO

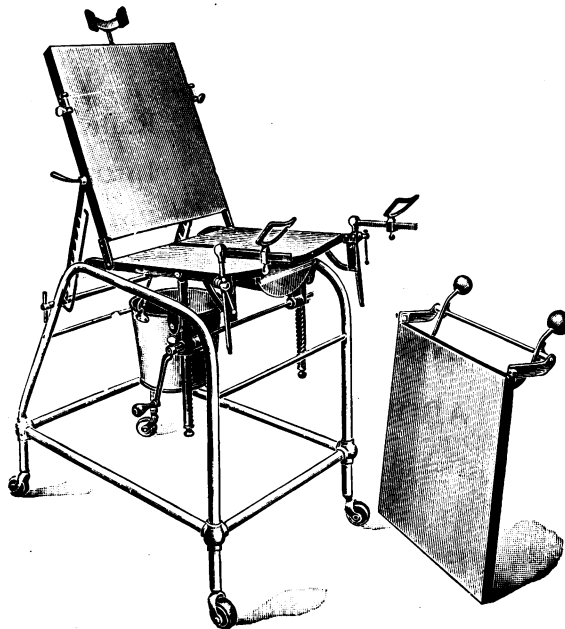
Nov. 1, 1903

Dear Doctor:-

Are you aware of the fact that we have allied our interests with yours so that what is best for you will be best for us?

We do no more testing of eyes, confining our efforts to the manufacture of glasses and their careful adjustment to your patient's face. Why not send your work to a firm who is not your competitor, and thus hold your patients; so that when, for them, the inevitable day of a change of glasses arrives, they will be returned to you and not refracted by your optician? Sincerely yours,
STANDARD OPTICAL CO.

Wm. Hatteroth



SURGICAL INSTRUMENTS

224 Sutter St.

San Francisco

PHONE MAIN 1748

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

INDEX TO ADVERTISEMENTS.

AMBULANCES.		Cutter Analytical Laboratory.....	ix	Hatteroth, Wm.....	vii
Coupé Ambulance Co.....	xix	Cystogen Chemical Co.....	xxv	Mallery, N. W.....	xxix
Duncombe Ambulance Co.....	xvii	Dioxogen.....	xxv	Shutts, Walters Co.....	xxiv
Eldredge Hospital Car Co.....	xix	Euca-Mul.....	iv	PUBLISHERS.	
CONDENSED MILK.		Fougere, E. & Co.....	Back cover	Appleton, D. & Co.....	xxi
Helvetia Milk Condensing Co.....	Front cover	Glyco-Thymoline.....	xvii	J. B. Lippincott Co.....	xxi
DAIRIES.		Henry Pharmacy Co.....	xii	Munn & Co.....	xx
Millbrae Milk Co.....	xx	Iron Tropon.....	xiv	Pacific Coast Press.....	xxi
Standard Milk Co.....	xii	Kress & Owens Co.....	xiv	Polk, R. L. & Co.....	xxviii
DRUGGISTS.		Kühl, R. H.....	iv	RAILROAD COMPANIES.	
Fletcher, David M.....	xvii	Lambert Pharmacal Co.....	xiii	Chicago and Northwestern.....	xxvii
Union Drug Co.....	xii	Mulford, H. K. Co.....	xxv	Santa Fe R. R.....	xxvii
Wakelee & Co. Sutter St. Pharmacy.....	xxix	National Pharmacy Co.....	xxv	Southern Pacific Co.....	xxvi
ELECTRICIANS.		Oakland Chemical Co., The.....	xxiii	RESORTS.	
Consumers Electrical Association.....	xx	Organic Chemical Mfg. Co.....	xviii	Paraiso Springs.....	xx
ELECTRO-MEDICAL APPLI- ANCES.		Parke, Davis & Co.....	98	Paso Robles Hot Springs.....	iii
Consumers Electrical Association.....	xx	Platt Mfg. Co.....	x	SCHOOLS AND COLLEGES.	
Shutts, Walters & Co.....	xxiv	Reed & Carnrick.....	xix	Cooper Medical College.....	Back cover
McIntosh.....	xvi	Schering & Glatz.....	vi	Los Angeles College of Physicians and Surgeons.....	xxii
HOSPITALS AND SANITARIUMS		Stearns, Frederick & Co.....	xx	Medical College University of South- ern California.....	xxii
California Hospital.....	xxxv	Stewart Mfg. Co.....	x	Oakland College of Medicine and Surgery.....	Front cover
Clara Barton Hospital.....	Back cover	Tilden Co.....	vii	University of California Post-Gradu- ate Medical Department.....	xxii
Clark's Sanitarium.....	xxxii	Tyree, J. S.....	xiv	SHOES.	
Corey, Francis E.....	xxxv	Warner, Wm. & Co.....	xxi	Heim, F. L.....	xxviii
East Bay Sanatorium.....	xxxv	MASSEUR.		STATIC MACHINES.	
El Sueno.....	xxxiii	Braun, Martin.....	xxi	Waite & Bartlett Manufacturing Co.....	xxiv
Garden City Sanitarium.....	xxxiii	MERCHANT TAILORS.		TRUSSES.	
Gardner Sanitarium.....	il	Skoll, L.....	xx	Clark-Gandion.....	xx
Lane Hospital.....	Back cover	MICRO MATERIALS.		UNDERWEAR.	
Livermore Sanitarium.....	v	Bausch & Lomb.....	xxviii	Deimel Linen-Mesh Company, The.....	xvi
Mary Patton Hospital, The.....	xxxii	MINERAL WATERS.		WINES.	
McNutt Hospital.....	xxxiii	Garrod Spa. Lithia Water.....	xii	Vin Mariani.....	ii
Osborne Hall.....	xxxv	Mt. Shasta Mineral Springs.....	xxix	X-RAY APPARATUS.	
Petty's Retreats.....	xxxv	OLIVE OIL.		Lamont, G. E.....	iv
Pottenger Sanatorium, The.....	xxxv	Plumel, J. F.....	xxix		
Robertson, J. W.....	v	OPTICIANS.			
San Francisco Lying-In Hospital.....	xxxii	Standard Optical Co.....	vii		
Scobie Memorial Sanitarium.....	xxxiii	PATHOLOGISTS.			
St. Luke's Hospital.....	xxxiv	Ryfkogel, H. A. L.....	xxi		
St. Thomas Hospital.....	xxxiv	PHYSICIANS' AND HOSPITAL SUPPLIES.			
Waldeck Hospital.....	xxxiv	Berbert, A. & Bros.....	xxviii		
MANUFACTURING PHAR- MACISTS.		Folkers, G. A. W.....	xxviii		
Abbott Alk. Co.....	xv				
Bell & Co.....	xi				

NOTICE TO MEMBERS

DO YOU
SOMETIMES
WANT
INFORMATION
ABOUT

Railway or Steamship Time Tables
Instruments or Instrument Manufacturers
Pharmaceutical Houses and their Products
The Newer Remedies
Physicians whose names are not in the
Register
And in general things that you don't know
just where to go for the information?

WE HAVE ARRANGED A BUREAU OF INFORMATION AT
THE OFFICE OF THE SOCIETY

Address your query to the Secretary at

Room 1, Y. M. C. A. Building

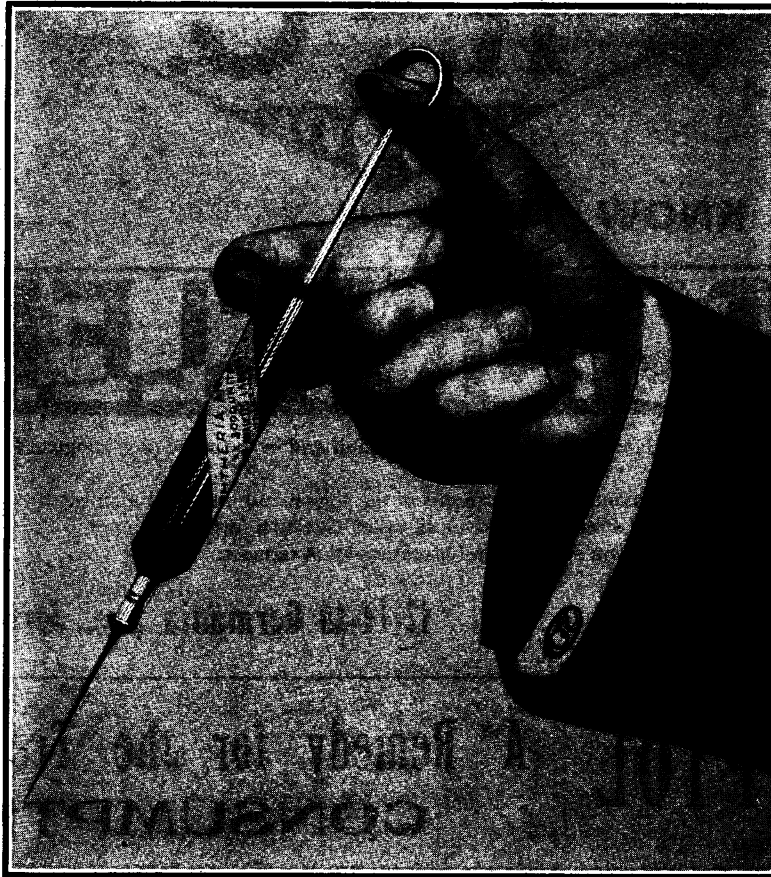
San Francisco

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

CUTTER'S

D
I
P
H
T
H
E
R
I
A



A
N
T
I
T
O
X
I
N

MANUFACTURED UNDER GOVERNMENT LICENSE No. 8

COMPARE PRICES

PRICE LIST OF

THE CUTTER ANALYTIC LABORATORY

XX SERUM—In Piston Syringe Container

1000 Units.....	\$1.50
2000 "	2.50
3000 "	3.50
4000 "	4.50

X SERUM—In Plain Bulbs

1000 Units	\$.75
2000 "	1.50
3000 "	2.00
4000 "	2.50

Price List of Manufacturers Operating
Under "Gentlemanly Agreement
As to Prices"

SERUM IN SYRINGE CONTAINERS

1000 Units	\$2.00
2000 "	3.50
3000 "	5.00
4000 "	6.50

As to the Comparative Antitoxic Value of Serums Produced by Government Inspected Plants there can be no valid claim for greater virtue in the high-priced serums. Government inspection is rigid, and the measure of Toxin-neutralizing units must not be less than is stated on the label of each package; therefore, a 1000, or a 2000, or a 3000, or a 4000 unit package of our XX or X serum ABSOLUTELY EQUALS IN ANTITOXIC AND LIFE-SAVING VALUE a package containing a corresponding number of units of the highest-priced serum on the market.

Our Piston-Syringe Container is the safest and easiest to use of any. It is made ready for use more quickly than an ordinary hypodermic syringe, and in its use there is no danger to operator or patient as there is when glass-breaking devices are used. Serum is stored in it under rigidly aseptic conditions and comes in contact with glass and pure rubber only.

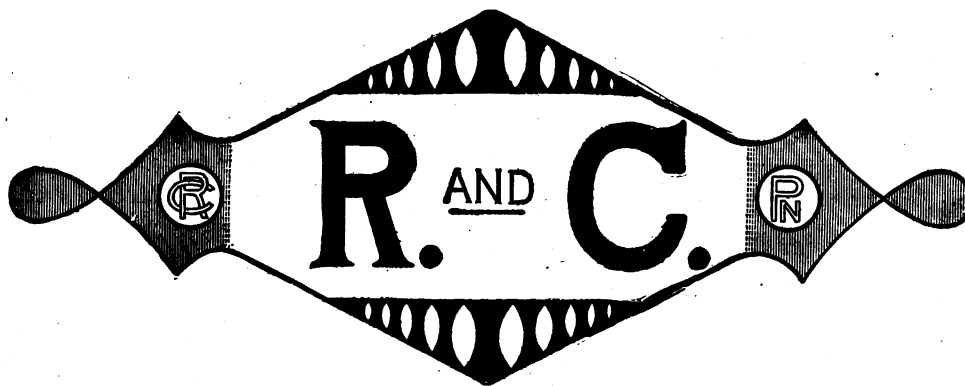
WRITE FOR
DESCRIPTIVE LITERATURE

THE CUTTER ANALYTIC LABORATORY
SAN FRANCISCO, CAL.

Please specify and insist on being supplied with CUTTER'S ANTITOXIN, thus helping to maintain low prices and a Pacific Coast institution.

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."



DO YOU KNOW THAT

PROTONUCLEIN

contains the enzymes of all the glands, which go to aid digestion and in the same physiological form and proportion as found in the human body.

It is the only preparation that contains the ferments of the spleen and intestinal glands.

Clinical results have proven its effectiveness over all other digestive ferments.

We should be pleased to send you samples and literature upon request.

REED & CARRICK

42-44-46 Germania Ave., Jersey City, N. J.

FIROLYPTOL

WITH

KREOSOTE

(MORSON'S)

NUTRITIVE
STIMULANT
ANTISEPTIC

A Remedy for the Treatment of CONSUMPTION

FORMULA

Kreosote (Morson's)	
Eucalyptol.....	aa m x
Ol. Gossypii Sem. Purificat (Pancreatized).....	3 ss
Firwein (modified).....	q. s. 3 j

(The base of Firwein is a Balsam from the Fir Tree, to which is added Iodine, 1-6 gr., Bromine 1-6 gr. and Phosphorus, 1-100 gr. to the fluid drachm.)

Firolyptol plain and with Kreosote (Morson's) may be obtained from our agents, Langley & Michaels Co., San Francisco, California

SAMPLES TO PHYSICIANS' ON APPLICATION

PREPARED EXPRESSLY FOR PHYSICIANS' PRESCRIPTIONS

THE TILDEN COMPANY

Only Proprietors and Sole Manufacturers

New Lebanon, N. Y.

St. Louis, Mo.

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

OVER THIRTY THOUSAND PHYSICIANS

PURCHASED

SAL-CODEIA BELL

Salacetin gr. 5 (Phenylamine, Aceto-Salicylate)

Codeine Sulphate gr. $\frac{1}{4}$

direct from us last year. Not one complained of its inefficiency or of any constipating or habit-forming effect. Hundreds have voluntarily reported good results, and 97 per cent of those who purchased previous to July 1st have already re-ordered, the large majority several times.

Prescribe two tablets, preferably dissolved in hot water, followed by one or two t. i. d as necessary

BELL & COMPANY (INC.)

GARDEN CITY BUILDING, CHICAGO

68 MURRAY ST., N. Y.

PRICE, ONE DOLLAR PER HUNDRED BY MAIL TO PHYSICIANS AND DRUGGISTS ONLY.

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

STANDARD MILK CO.

3201 Sixteenth Street

Telephone Private Exchange 925

The Largest and Most Sanitary
Dairy on the Pacific Coast

WE INVITE INSPECTION

DR. ENNO SANDER'S

CARROD SPA LITHIA WATER

*A Powerful Remedy for Diseases of the Uric Acid
Diathesis. Is the Best Lithia Water on the Market*

Contains Lithium bicarbonate, xiv grs.; Magnesium bicarbonate, x grs.; Potassium bicarbonate, xvi grs., Sodium Chloride, x grs.; Carbonated Water, xvi oz.

UNION DRUG COMPANY, Agents

400 Sutter Street

SAN FRANCISCO

TRI-IODIDES (HENRY'S) LIQUOR SALI-IODIDES.

Colchicin. 1-20 grain. Phytolaccin. 1-10 grain. Solanin. 1-3 grain. Soda Salicylate, 10 grains. Iodic Acid, equal to 7-32 grains Iodine. Aromatic Cordial. Dose 1 to 2 drams in water. 8-oz. bottle, \$1.00.

A powerful alterative and resolvent, glandular and hepatic stimulant, and succedaneum to the iodides. Indicated in all conditions dependent upon perverted tissue metabolism; in lymphatic engorgements and functional visceral disturbances; in lingering rheumatic pains which are "worse at night." Bone, periosteal and visceral symptoms of late syphilis; for the removal of all inflammatory, plastic and gouty deposits.

A remedy in sciatica, megrim, neuralgias, lumbago and muscular pains; the gouty and rheumatic diathesis; acute and chronic rheumatism and gout; chronic eczema and psoriasis, and all

dermic disorders in which there is underlying blood taint.

An hepatic stimulant increasing the quantity and fluidity of the bile. Relieves hepatic and intestinal torpor; does not cause the unpleasant gastric symptoms of potassium iodide.

THREE CHLORIDES (HENRY'S) LIQUOR FERRISENIC.

Each drachm contains Proto-Chlor. Iron, 1.8 gr.; Bi-Chlor. Mercury, 1-128 gr.; Chloride Arsenic, 1-280 gr.; Calisaya Cordial. Dose, 1 to 2 drachms. 12-oz. bottle, \$1.00.

An oxygen-carrying ferruginous preparation, suitable for prolonged treatment of children, adults and the aged. Indicated in anemia and bodily weakness, convalescence from acute diseases and surgical operations; boys and girls at the age of puberty, and the climacteric period in women. In children with chorea, rickets, or who are backward in development, or in whom there exists an aversion to meats and fats. Prolonged administration never causes "iron headache."

As an adjuvant for potassium iodide the undesirable manifestations known as iodism can be

removed. Stimulant to the peptic and hydrochloric glandular system of the stomach, especially serviceable in the impaired appetite, nausea, vomiting and other gastric symptoms of alcoholic subjects.

MAIZO-LITHIUM (HENRY'S) LIQUOR LITHIUM MAIZENATE.

Nascent Chemic Union of Maizenic Acid—from Green Corn Silk—with Lithium, forming Maizenate-Lithium. Two grains to drachm. Dose, 1 to 2 drachms. 8-oz. bottle, \$1.00.

A genito-urinary sedative, an active diuretic; solvent and flush indicated for the relief and prevention of renal colic; a sedative in the acute stages of gonorrhea, cystitis and epididymitis; in dropsical effusions due to enfeebled heart or to renal diseases. As a solvent in the varied manifestations of gout, goutiness and neurotic lithemia, periodical migrainous headache, epigastric oppression, cardiac palpitation, irregular, weak or intermittent pulse; irritability, moodiness, insomnia and other nervous symptoms of uric-acidemia. Decidedly better, more economical, extensive in action and definite in results than mineral waters.

Those cases of irritable heart, irregular or intermittent pulse so frequently met with by insurance examiners and found to be due to excess of uric acid, are special indication for Maizo-Lithium.

HENRY PHARMACAL CO., LOUISVILLE, KY.

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

Mulford's

Antitoxin

**"Saves
Most
Lives"**



Every Dose
Furnished in this
Aseptic Glass Syringe ready
for Instant Use

Early Use Important

Reports from the twenty-five leading cities of the United States prove the importance of the early use of Antitoxin.

The average mortality of cases treated with Antitoxin was:

On the First day	-	1.45
Second "	-	3.9
Third "	-	5.67
Fourth "	-	7.29
Later than Fourth "	-	14.49

Dr. H. C. Wood states that as soon as Diphtheria is suspected Antitoxin should be used. If Diphtheria develops, the disease is under control. If diagnosis is not confirmed, no harm has been done by the use of a reliable Antitoxin.

The Chief Justice of one of the State Supreme Courts, says: "Any physician who delays administering Antitoxin until the later stages of Diphtheria is guilty of either criminal negligence or of criminal ignorance." Send for new literature.

HYPODERMIC TABLETS

(WARNER & CO.)

HAVE WITHSTOOD ALL THE TESTS—CHEMICAL, PHYSIOLOGICAL AND CLINICAL RESULTS PROVE THEY ARE THE BEST.

TIME LOST from delay in dissolving or failure from absorption ENDANGERS THE LIFE OF THE PATIENT. WE fully appreciate that a tablet must not only be READILY SOLUBLE, but must be READILY ABSORBABLE, for until the physiological action of the drug is manifested, the medication is as worthless as though it had not been injected.

The selection of ALKALOIDS OF DEFINITE PHYSIOLOGIC ACTIVITY, the GREAT CARE IN THEIR PREPARATION, the FREEDOM FROM CONTAMINATION, their RAPIDITY OF SOLUBILITY, and SYSTEMIC ACTIVITY HAS WON THE HIGHEST REPUTATION FOR SUPERIORITY FOR THE HYPODERMIC TABLETS MADE BY WM. R. WARNER & CO.

To protect your patient always specify "Warner & Co."

WM. R. WARNER & CO., PHILADELPHIA, **BRANCH HOUSES**
NEW YORK, CHICAGO, NEW ORLEANS.
COAST OFFICE, 112 FIRST STREET, SAN FRANCISCO

IRON TROPON

(ALBUMEN AND IRON)

IS INTRODUCED EXCLUSIVELY TO THE MEDICAL PROFESSION

The Chemical Analysis of 1000 samples of its basis, Tropon, i. e. about $\frac{1}{2}$ meat and $\frac{1}{2}$ vegetable albumen, according to Dr. Aufrecht is as follows:

	PER CENT
Albumen	90.52
Fat	0.14
Carbohydr00
Water	8.73
Salts	0.61

Composition of Iron Tropon

91½% TROPON (peptonized)

6 % COCOA

2½% IRON

Forming a soluble, very palatable powder

To be taken in milk or water, (either hot or cold) also in sweet wine, etc.

Iron Tropon is put up in 100 grammes ($3\frac{1}{2}$ oz.) tins only, containing sufficient quantity for 7 or 8 days at a dosis of a teaspoonful 3 times a day.

Iron Tropon retails at 75c per tin at all druggists. Special terms for hospitals and sanatoria.

For Samples and Literature Address

LABORATORIES

MULHEIM-RHINE
GERMANY

PACIFIC COAST AGENT

R. H. KÜHL

2689 Sacramento St., San Francisco

From an official letter of the Chief Surgeon U. S. Army div. Ph. I. to commanding officers of U. S. A. Hospitals in the Philippine Islands: "This remedy (Iron Tropon) as reported by commanding officer of the U. S. Army General Hospital, Presidio, San Francisco, has been found *extremely* valuable in cases of anaemia following chronic dysentery and other wasting diseases."

Official Report Convalescent Hosp. U. S. Army, Manila—"Cases gained weight rapidly, number of red corpuscles fast increased and amount of hemoglobin was increased."

Official Report 1st Reserve Hosp. U. S. Army, Manila—"In those forms of anaemic secondary diseases substantial improvement followed its use, evidenced by an increase in the number of colored cells of the blood and by an improvement in general physical condition."

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

ACTIVE-PRINCIPLE THERAPEUTICS

Is fundamentally **accurate therapeutics**. It stands for the inherent finality and completeness of the therapeutic principle contained in the plant, divested of all remedially inert matter in combination therewith in the botanic state.

Ancient Therapeutics was based upon empiricism and the accumulated knowledge of the profession, so far as the remedial value of medicinal plants is concerned, has been, until recent times, based entirely upon the results ascertained from the clinical exhibition of the crude or **botanically entire** drug in the form of alcoholic or aqueous tinctures, fluid extracts, infusions, etc.

With the Dawn of Alkaloidal Isolation, came the first records of rational or scientific therapy, based upon the action of the **single active-principle** contained in a given plant, or which is the same as to scientific method and results, the **separate** actions of the several **chemically-defined** active-principles, when the plant was found to contain more than one. Under the latter conditions the old therapeutics of the drug are elaborated, verified and placed upon an accurate, clearly-defined and definable basis.

The Refinement of Modern Therapeutics is based upon this clearness of definition assured by the unchangeable chemical identity of the alkaloid or other active-principle; and upon the **differentiated** action of the **several** active-principles when more than one exist in the same drug. It is much less exacting (is "less bother") for the doctor to continue with crude preparations, and these have also the prestige that comes from ancient lineage. But is it not in keeping with modern ideas of progress to adopt modern improvements; to keep in close, practical touch with new, perfected methods; to take advantage of all that modern chemistry has done to **purify** and **define** with scientific clearness the weapons with which the doctor is to succeed or fail, in his offensive and defensive warfare with disease?

The Active-Principles are Powerful—they are, indeed! Would you expect to get much game if you loaded your gun with paper wads instead of shot? They are highly poisonous—in the hands of the coachman or gardener, yes. But "poison" is a relative term, and one with which the educated physician is entirely familiar. This makes these **powerful** agents **safe**—in the hands of the physician. Moreover, their **safety** as well as **effectiveness** is made absolute by their isolation—they are **no longer disguised** as to their identity and the amount present in any given dose of medicine.

The Alkalometric Granule is the most convenient form in which the active-principles can be given. It contains the **single** or **several** active-principles which it represents; in quantity this represents the minimum effective dose. It is always ready; it can be given alone, in multiple dosage, or in combination with synergists; it is swallowed easily by the most fastidious invalid or the youngest child—it is therefore practical. It produces results in less time than any other known form of medicine—it is therefore promptly efficient.

Enough Alkalometric Granules can be carried in the doctor's pocket to supply the necessary remedies in sufficient amount for all emergency practice.

The Convenience, Accuracy and Palatability of the granule form naturally led to the **inclusion of other medicaments** in the general list of "standard" or "alkalometric" granules, prepared for physicians. By "standard" is meant the regular fixed strength of every granule as to amount of medicament contained in it—which, when once familiarized, relieves the doctor of the annoyance of "computing the dose," and fixes in his mind the scientific maxim of "dose enough for the desired effect, then stop."

Our literature—the growth of our efforts for and with progressive physicians all over the world—is at your call. Write for it. Let's get acquainted.

THE ABBOTT ALKALOIDAL COMPANY

Manufacturing Chemists

RAVENSWOOD STATION, CHICAGO

50 West Broadway, NEW YORK

13 Phelan Bldg., SAN FRANCISCO

If you are not already a subscriber, send to Chicago Address for Sample Copy of the Alkaloidal Clinic. If you are, pass the good word along. Merchandise Samples and Literature, Copy of Abbott's Alkaloidal Digest, 300 pages of up-to-date Therapeutics, free for the asking.

WHEN PRESCRIBING ANY OF THE ACTIVE PRINCIPLES ALWAYS SPECIFY "ABBOTT'S."

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

The History of

men and nations affords splendid illustration of the wonderful progress man has made during the past few centuries. The last few years have brought startling revelations of the great strides made by the medical fraternity in applying one of nature's greatest remedies in the healing of disease; we refer to the now universal application of the various

The Old

and Reliable Portable Galvanic and Faradic Fluid Cell Battery.



McIntosh 18 Cell Combined Battery.

Gives: A Galvanic current suitable for any standard application. A Faradic current of variable intensity.

Write for our illustrated catalogue showing a complete line of Electro-Therapeutic Apparatus

The New and Up-to-Date Physician's Office Apparatus

Designed recently by our electrical engineers and experts. Most popular physicians' office switch board on the market.

Affords

- A Galvanic current for electrolysis, cataphoresis, etc.
- A Faradic current for massage, anaesthetic effects, etc.
- May be operated by a 110 volt current or a battery of cells.

Electro-Therapeutic

modalities as derived from their respective sources. On a par with the discovery of the new modes of treatment has been the development of new apparatus; the need of more careful adjustment and greater accuracy of measurement having become apparent. The pioneer work done by the McIntosh Battery & Optical Co. along this line has had lasting effect in shaping modern and up-to-date electro-therapeutic Apparatus.



McIntosh No. 6 Wall Plate In Case

McINTOSH BATTERY & OPTICAL CO. Chicago, Ill.

Dr. Deimel Underwear

(LINEN-MESH)

"For years I was subject to violent attacks of La Grippe every time I caught cold, summer or winter. After trying every remedy known to the profession with no success in preventing a recurrence I laid aside all Medicines, Flannel Shirts and adopted the Deimel Underwear for two years, winter and summer, and have not only avoided these attacks but cured myself of Catarrh and much improved my Bronchitis."

McComb City, Miss., Sept. 30, 1904.

Dr. R. T. HART,
(An Old Army Surgeon and Physician, 75 years old.)

P. S.—Use this if you desire to do so and encourage others to do as I have and prolong their lives.

Dr. R. T. HART.

All Dr. Deimel garments bear the Dr. Deimel name. For sale at best Dealers everywhere.
For booklet, samples and full information, address

THE DEIMEL LINEN-MESH COMPANY, 491 Broadway, New York

SAN FRANCISCO 111 Montgomery St.	WASHINGTON 1313 F Street, N. W.	BROOKLYN 510 Fulton Street	BALTIMORE 110 W. Lexington St.	MONTREAL 2202 St. Catherine St.	LONDON, W. C., Eng. 83 Strand (Hotel Cecil)
-------------------------------------	------------------------------------	-------------------------------	-----------------------------------	------------------------------------	--

Dr. Deimel Linen-Mesh Supporters, Suspensories, etc., are made and sold exclusively by
J. Ellwood Lee Co., Conshohocken, Pa.

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

ESTABLISHED 1894

W. S. DUNCOMBE, PRESIDENT

The
Duncombe Ambulance Co.
 (INCORPORATED)



City and Country Service
1614 TURK ST., San Francisco
Telephone West 100

RATES

Day Cases, City Limits, \$5.00 Night Cases, Bet. 8:30 and 12, \$7.50
 Cases after Midnight \$10.00

DUNCOMBE FRACTURE BED
 Indispensable in Fractures of the Femur

*Why send your
 patients to Nauheim?*

"I am convinced by many experiences that identical results may be achieved by artificially prepared baths."—
 Theo. Schott, N. Y. Med. Rec.,
 Feb. 14, 1891.

SEND FOR LITERATURE, ETC.

OF THE

Triton Effervescent Bath Salts

For the Nauheim Treatment

DAVID M. FLETCHER

S. W. cor. Van Ness Avenue and Geary Street

TELEPHONE EAST 994

SAN FRANCISCO DISTRIBUTOR

K & O DOUCHE FOR THE APPLICATION OF
 GLYCO-THYMOLINE TO THE NASAL CAVITIES

**GLYCO-
 THYMOLINE**
 FOR
**CATARRHAL
 CONDITIONS**

Nasal, Throat
 Intestinal
 Stomach, Rectal
 and Utero-Vaginal

KRESS & OWEN COMPANY
 210 FULTON STREET NEW YORK

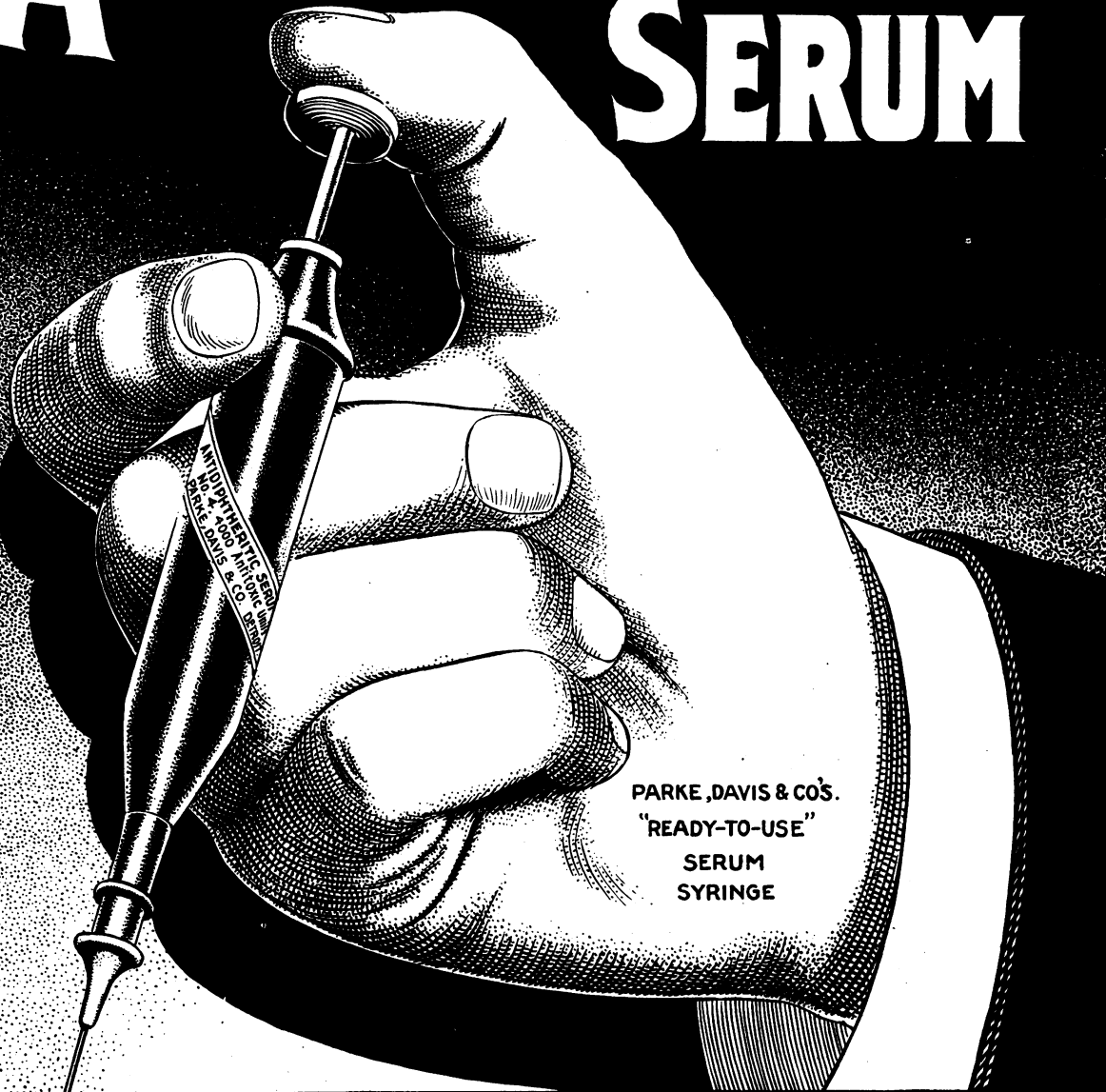
FORMULA.—Benzo.-Salicyl, Sod. 33.33, Eucalyptol 0.33, Thymol. 0.17; Salicylate of Methyl from Betula Lenta 0.16; Pini Pumilionis 0.17. Glycerine and solvents q. s. 480.

Liberal samples will be sent Free of all cost to any physician mentioning this JOURNAL.

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

ANTIDIPHThERITIC SERUM



PARKE, DAVIS & CO'S.
"READY-TO-USE"
SERUM
SYRINGE

IN PURITY, POTENCY AND UNIFORMITY

Parke, Davis & Co.'s Antidiphtheritic Serum is unrivaled among diphtheria antitoxins.

Our hermetically sealed glass container is proof against contamination. In half a minute it is converted into the most convenient and efficient serum-syringe ever devised.

(Bulbs of 500, 1000, 2000, 3000 and 4000 units.)

DON'T EXPERIMENT—USE OUR SERUM.

PARKE, DAVIS & COMPANY

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

S C H E R I N G ' S**Ex-
odin**

Tasteless and odorless cathartic,
unique in promptness, reliability,
pleasantness and harmlessness.

**Duo-
tonol**

A 100% compound of Lime and Sodium
Glycero-phosphates (1:1), convenient
for dispensing and administration.

**Uro-
tropin**

Effects a urinary antiseptis that
was wholly unattainable before its
introduction by Prof. Nicolaier.

**Formalin
Lamp**

Renders infections shorter and
milder, lessens danger of contagion.
Invaluable in all zymotic diseases.

Literature on request.

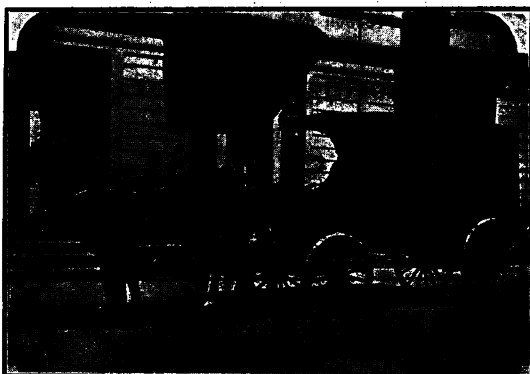
SCHERING & GLATZ, New York.

Exodin—Diacetyl-rufigallic-acid-tetramethyl-ether. Urotropin—Hexamethylin-tetramin.

ELDREDGE HOSPITAL CAR CO.

Incorporated November 1, 1904.

For the Transportation of the Sick and Injured



IT HAS 58 NEW IMPROVEMENTS

Patients conveyed with the least exposure and
greatest comfort

PHONE SOUTH 892

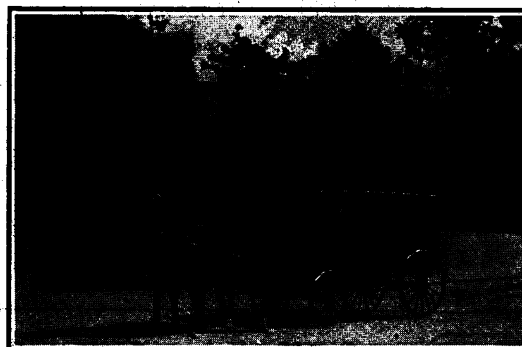
ELDREDGE HOSPITAL CAR CO.

NO. 124 OAK STREET
SAN FRANCISCO

COUPE AMBULANCE CO.

522 SEVENTEENTH ST., OAKLAND

TELEPHONE MAIN 561



Best of Modern Ambulance Service with
Trained Nurse in attendance

TRANS-BAY WORK OUR SPECIALTY

Trains met promptly on short notice. Patients
escorted to and from distant places with attendant
and proper appliances.

L. C. SHINGLE, T. N., Manager

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

Why the
"SMITHSONIAN" and "HONEST JOHN"
TRUSSES

are the BEST and most SCIENTIFIC made

They Close the Internal Ring; can be Moulded to Fit the Body Perfectly and give any degree of pressure needed. Light, Clean, No Understraps, Nothing to "gall" the back, and most durable made. Give best results in Indirect, Direct or Femoral Hernia. Ten styles of pads.

Specialty made of Fitting Difficult Cases

CLARK-GANDION TRUSS CO., Coast Agents
Tel. Clay 456 13 Phelan Bldg., San Francisco

THE CARLSBAD OF AMERICA

PARAISO SPRINGS

HOT SODA and SULPHUR BATHS

OPEN SUMMER AND WINTER

Write for booklet giving analyses of waters, which contain many efficacious curative properties.

Rates from \$10.50 a week, according to Rooms. An Ideal Vacation Place

F. W. SCHROEDER, Mgr.

C. T. ROMIE, Prop'r.

Paraiso Springs, Monterey Co., Cal.



STEWART'S
ODORLESS
AND
TASTELESS
CASTOR OIL

CASTOR OIL MOTHER GAVE YOU



**ABSOLUTELY PURE
NOT SWEETENED OR FLAVORED
DOES NOT GRIPE OR CONSTIPATE**

**STEWART
MFG. CO.**

PHYSICIANS ALL RECOGNIZE

**SANTA ROSA
CAL.**

CASTOR OIL AS BEING THE MOST HARMLESS CATHARTIC FOR CHILDREN OR ADULTS.
Upon request a sample will be sent free of charge to physicians.

60 YEARS' EXPERIENCE

PATENTS

**TRADE MARKS
DESIGNS
COPYRIGHTS & C.**

Anyone sending a sketch and description may quickly ascertain our opinion free whether an invention is probably patentable. Communications strictly confidential. **HANDBOOK** on Patents sent free. Oldest agency for securing patents. Patents taken through **Munn & Co.** receive special notice, without charge, in the

Scientific American.

A handsomely illustrated weekly. Largest circulation of any scientific journal. Terms, \$3 a year; four months, \$1. Sold by all newsdealers.

MUNN & Co. 361 Broadway, New York
Branch Office, 625 F St., Washington, D. C.

Millbrae California Milk Co.

Folsom and 21st Sts., San Francisco, Cal.

Telephone Mission 359

Absolutely Pure Milk and Cream

TEST BY PHYSICIANS SOLICITED

Positively No Coloring or Preservatives Allowed

NO BEET PULP NOR BREWERY GRAINS FED

FOR RENT

Full Dress Suits, Tuxedos and
Prince Alberts for all occasions.
Suits are Pressed and Well Fitted to Each Person

Fine Tailoring at Moderate Rates

L. SKOLL

254 Ellis, near Taylor

San Francisco

X-RAY COILS

CONSUMERS' ELECTRICAL ASSOCIATION

W. G. THOMPSON, JR., Manager

Manufacturers of

STATIC MACHINES, X-RAY APPARATUS
ELECTRO-MEDICAL AND SURGICAL
INSTRUMENTS

Repair Work a Specialty

524 SUTTER ST. Tel. Black 861 SAN FRANCISCO

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

LABORATORY DIAGNOSIS BACTERIOLOGY

H. A. L. RYFKOGEL

590 SUTTER STREET

SAN FRANCISCO

MASSAGE AND MEDICAL GYMNASTICS DRY HOT AIR ELECTRIC LIGHT AND HYDRO-ELECTRIC BATHS

MARTIN BRAUN

GRADUATE IMPERIAL UNIVERSITY HOSPITAL
VIENNA, AUSTRIA

PHONE PRIVATE EX. MAIN 3077

643 SUTTER STREET
ABOVE MASON

APPLETON'S STANDARD TRANSLATIONS

LEUBE'S MEDICAL DIAGNOSIS

By *Dr. WILHELM V. LEUBE*, Professor of Medicine and Physician in Chief to the Julius Hospital at Würzburg. Authorized Translation from the sixth German Edition. Edited, with Annotations, *JULIUS L. SALINGER, M.D.* Late Assistant Professor of Clinical Medicine in the Jefferson Medical College, and Physician to the Philadelphia Hospital. 5 Colored Plates and 74 Illustrations. Cloth, \$5.00. Sold only by subscription.

STRUMPELL'S TEXT BOOK OF MEDICINE

By *Dr. ADOLF STRUMPELL*, Professor and Director of the Medical Clinique at the University of Erlangen, translated by permission and thoroughly revised from the Thirtieth Revised and Enlarged German Edition by *HERMAN F. VICKERY, A. B., M. D.*, Harvard Medical School and *PHILIP COOMBS KNAPP, A. M., M. D.*, Harvard Medical School. With 119 Illustrations, 8 vo. Cloth, \$6.00. Sold only by subscription.

THE DISEASES OF THE INTESTINES SECOND REVISED AND ENLARGED AMERICAN EDITION

By *Dr. I. BOAS*, Specialist for Gastro-Intestinal Diseases in Berlin. Translated by permission from the German Edition, with special notations and additions by *SEYMOUR BASCH, M. D.*, of New York City. Forty-eight Illustrations. 8vo. Cloth, \$5.00. Sold only by subscription.

PACIFIC COAST PRESS

Agents for D. APPLETON & CO.

FLOOD BUILDING

SAN FRANCISCO, CALIFORNIA

NEW BOOKS

CATTELL—Post-Mortem Pathology

The hit of the year in medical publishing. First large edition entirely exhausted. Second revised enlarged edition, with colored illustrations, almost ready. Over 300 pages. Over 200 illustrations. Cloth, \$3.00.

In Press

GARRIGUES—Gynecology

An entirely new and practical book of about 500 pages. Fully illustrated. Especially designed for general practitioners and students.

In Press

PATON—Psychiatry

A text-book for students and physicians of about 500 pages, by Stewart Paton, of Johns Hopkins University. Illustrated, practical, and authoritative.

In Press

LIPPINCOTT'S MEDICAL DICTIONARY

A revised edition of this celebrated, authoritative, illustrated Medical Dictionary; to be ready in the early fall. About 1200 pages.

In Press

BARKER—Anatomy

A Laboratory Manual of Human Anatomy, by L. F. Barker, head of the Department of Anatomy, University of Chicago and Rush Medical College. Of about 600 pages, beautifully illustrated in colors and black and white.

In Press

INTERNATIONAL CLINICS—Vol. 4, 14th Series

Any physician who has not read Vol. 3 should write for contents.

In Press

Calif.

J. B. LIPPINCOTT COMPANY

PHILADELPHIA since 1792
LONDON since 1872

J. B.
LIPPINCOTT CO.

Kindly mail me your Illustrated
Portrait Medical Catalogue and
Descriptive Circulars.

Name

Address

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

University of California.

POST-GRADUATE MEDICAL DEPARTMENT.

(SAN FRANCISCO POLYCLINIC.)

430 ELLIS STREET.

BENJAMIN IDE WHEELER.....PRESIDENT
President of University.

MARTIN REGENSBURGER.....SECRETARY
Professor of Dermatology and Venereal Diseases.

HENRY J. KREUTZMANN, Professor of Gynecology and Obstetrics.

GEORGE F. SHIELS, Professor of Surgery.

HENRY L. WAGNER, Professor of Rhinology and Laryngology.

LOUIS BAZET, Professor of Genito-Urinary Surgery.

WILLIAM A. MARTIN, Professor of Ophthalmology.

LEO NEWMARK, Professor of Neurology.

WASHINGTON DODGE, Professor of Medicine.

GEORGE W. MERRITT, Professor of Ophthalmology.

JAMES A. BLACK, Professor of Laryngology.

CONRAD WEIL, Professor of Surgery.

T. B. W. LELAND, Professor of Internal Medicine.

J. WILSON SHIELS, Professor of Medicine.

J. M. MOUSER, Professor of Bacteriology.

F. B. CARPENTER, Professor of Gynecology.

H. A. L. RYFKOGEL, Professor of Pathology.

FRANK P. WILSON, Associate Professor of Orthopedic Surgery.

T. W. SERVISS, Associate Professor of Rhinology.

W. F. FRIEDHOFER, Associate Professor of Gynecology.

CHARLES G. LEVISON, Associate Professor of Surgery.

ROSAMOND L. COX, Associate Professor of Otolary.

M. W. FREDRICK, Associate Professor of Otolary.

F. R. DRAY, Associate Professor of Medicine.

W. P. READ, Associate Professor of Surgery.

Any information desired will be given on application to Dr.
MARTIN REGENSBURGER, Secretary, 803 Sutter St.

LOS ANGELES

College of Physicians and Surgeons OF LOS ANGELES, CALIFORNIA

Four years' course of eight months each, in the entirely new and completely equipped College Building now being erected.

Special attention given to laboratory work.

First Annual Session begins October 6, 1904.

Daily clinics conducted at the Free Dispensary located in the College Building; also at the County Hospital, twice a week.

TRUSTEES

CHAS. B. NICHOLS, M. D., President

FRED C. SHURTLEFF, M. D., Vice-President

JAMES H. SHULTS, M. D., Secretary

B. F. CHURCH, M. D., Dean

CHAS. W. BRYSON, M. D., Vice-Dean

JAMES H. SEYMOUR, M. D., Treasurer

MARCELLUS R. TOLAND, M. D.

EARL ROGERS, Esq.

Catalogue furnished upon application to Dr. B. F. Church,
408 Frost Building, or Dr. C. B. Nichols, 721 Grant Building,
Los Angeles, California.

COLLEGE OF MEDICINE OF THE UNIVERSITY OF SOUTHERN CALIFORNIA LOS ANGELES, CALIFORNIA.

TWENTY-FIRST ANNUAL SESSION BEGINS OCTOBER 12, 1905

Four years of eight months each. New and commodious clinic building. Clinics large—10,000 cases annually. Thorough laboratory training in anatomy, physiology, bacteriology, chemistry, histology. Member of the Association of American Medical Colleges. Climate of Los Angeles unsurpassed. Living in Los Angeles cheaper than in any other American City. Board and room from \$4.00 per week upward.

Address for catalogue and other information,

WALTER LINDLEY, M. D., Dean, 1414 S. Hope St., Los Angeles, Cal. WM. D. BABCOCK, A. M., M. D., Secy. Braly Bldg., Los Angeles, Cal.

COLLEGE OF MEDICINE FACULTY

GEO. F. BOVARD, A. M., D. D., President of the University Board.
J. P. WIDNEY, A. M., M. D., LL. D., Emeritus Dean and Professor of Medicine.

H. H. MAYNARD, M. D., Emeritus Professor of Surgery.

W. L. WADE, M. D., Emeritus Professor of Materia Medica and Therapeutics.

WALTER LINDLEY, M. D., Dean and Emeritus Professor of Gynecology.

JOSEPH KURZ, M. D., Professor of Clinical Surgery.

GEORGE W. LASHER, M. D., Professor of Surgery.

W. L. MOYNE WILLS, M. D., Professor of Clinical Surgery.

J. H. UTLEY, M. D., Professor of Medicine.

GRANVILLE MACGOWAN, M. D., Professor of Diseases of the Skin and Genito-Urinary Organs.

E. A. FOLLANSBEE, M. D., Professor of Diseases of Children.

HENRY S. ORME, A. B., M. D., Professor of Hygiene. State Medicine.

H. G. BRAINERD, A. B., M. D., Professor of Diseases of the Mind and Nervous System.

D. C. BARBER, A. B., M. D., Professor of Clinical Medicine.

WILLIAM D. BABCOCK, A. M., M. D., Secretary and Professor of Diseases of the Ear, Nose and Throat.

H. BERT. ELLIS, A. B., M. D., Professor of Ophthalmology.

F. D. BULLARD, A. B., M. D., Instructor in Ophthalmology.

HON. NATANIEL P. CONREY, A. M., Professor of Medical Jurisprudence.

MELVIN L. MOORE, M. D., Professor of Obstetrics.

CLAIRE W. MURPHY, M. D., Professor of Descriptive and Surgical Anatomy.

HORACE B. WING, A. B., M. D., Professor of Clinical Medicine.

GEO. L. COLE, M. D., Professor of Clinical Medicine.

CARL KURTZ, M. D., Professor of Gynecology.

STANLEY P. BLACK, Ph. B., M. D., Professor of Histology and Pathology.

RALPH WILLIAMS, M. D., Associate Professor of Skin and Venereal Diseases.

O. O. WITHERBEE, M. D., Associate Professor of Physiology.

W. JARVIS BARLOW, A. B., M. D., Professor of Clinical Medicine.

JOSEPH M. KING, M. D., Professor of Therapeutics.

J. LEE HAGADORN, M. D., Associate Professor of Medicine.

L. J. STABLER, M. S., Ph. C., Professor of Chemistry.

E. W. BECKETT, M. D., Professor of Gynecology.

E. A. BRYANT, M. D., Lecturer on Abdominal Surgery.

SUMNER J. QUINT, M. D., Instructor in Materia Medica.

HUGO A. KIEFER, A. B., M. D., Instructor in Ophthalmology.

RANDALL HETCHINSON, A. M., M. D., Instructor in Physical Diagnosis and Medicine.

TITIAN J. COFFEY, M. D., Instructor Clinical Obstetrics.

JOHN ADAMS COLLIVER, A. B., M. D., Professor of Physiology.

JOHN L. KIRKPATRICK, M. D., Demonstrator of Anatomy.

E. L. LEONARD, M. D., Instructor in Histology and Pathology.

EDMOND MYER LAZARD, M. D., Instructor in Obstetrics.

ALBERT SOILAND, M. D., Instructor in Electro-Therapeutics and Radiology.

L. G. VISSCHER, Lecturer on Diseases of the Stomach and Bowels.

ARTHUR F. GODIN, M. D., Instructor in Materia Medica.

L. M. POWERS, M. D., Lecturer on State Medicine.

KATE WILDE, M. D., Instructor in Diseases of Children.

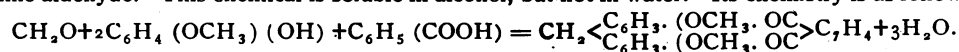
A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

Dear Doctor:

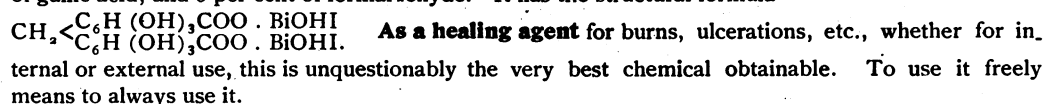
We are pleased to announce that we have procured the exclusive privilege of manufacturing and selling the definite organic chemicals:

GUAIALIN, the benzoic acid ester of methylene diguaiacol, a pea-green colored, amorphous powder, which contains the virtues of over 60 per cent of guaiacol, 30 per cent. of benzoin, and about 7 per cent. of formic aldehyde. This chemical is soluble in alcohol, but not in water. Its chemistry is as follows:



This compound is most valuable in bronchitis, incipient consumption, and as a gastro-intestinal antiseptic. It is an elegant antitubercular, antipyretic, and alterative tonic.

IODOMUTH, or the bismuth oxyiodid methylene digallate which has the form of a reddish-brown, impalpable powder, and contains about 29 per cent. of metallic bismuth, 24 per cent. of iodine, 31 per cent. of gallic acid, and 5 per cent of formaldehyde. It has the structural formula



THERMOL, an acetyl-salicyl-phenetidin is chemically $\text{C}_6\text{H}_4(\text{OH})\text{COOH} + \text{CH}_3\text{COOH} + \text{C}_6\text{H}_4(\text{NH}_2)(\text{OC}_2\text{H}_5) = \text{C}_6\text{H}_4(\text{NH})(\text{C}_6\text{H}_4)\text{O} \cdot (\text{COCH}_3) \cdot \text{CO}(\text{OC}_2\text{H}_5) + 3\text{H}_2\text{O}$. By the union of the virtues of acetic and salicylic acids with phenetidin, they are each modified by the other, and their activity is notably increased with an augmentation of their therapeutic value, and without the deleterious effects of heart depression so common where there is not such complete acetylation. This definite chemical compound is unequalled as a safe and efficient reliever of pain and fever as well as inhibiting the growth of pathogenic germs.

UR-A-SOL, which is the synonym for acetyl-methylene-disalicylic acid, the structural formula for which is $\text{CH}_2(\text{C}_6\text{H}_3\left\langle \begin{smallmatrix} \text{OC}_2\text{H}_5 \\ \text{COOH} \end{smallmatrix} \right\rangle \text{O})_2$. This condensation product of acetic and salicylic acids and formaldehyde occurs in microscopically small crystals which are not soluble in water, but freely soluble in alcohol. In doses of ten to twenty grains every hour or so, **this chemical is a true uric acid solvent**, and is exceedingly valuable in the treatment of rheumatism and gout. It does not distress the stomach nor depress the heart, but does produce great hunger. It is the eliminator of eliminators. It increases the peristaltic action of the bowels, the diaphoretic action of the skin, the diuretic action on the kidneys, the solvent action on the uric acid salts as well as restoring the normal fluidity of the blood, and the stimulation of the respiratory tract through the incorporated properties of acetic acid.

Sixteen other definite and interesting chemicals.

In addition to these rights and privileges, we have also secured the services of Dr. S. Lewis Summers, the physiological chemist who created these standard chemicals—the first of their class to be manufactured in this country, to supervise their production

No effort shall be spared to maintain these medicines at their highest quality and to make their name a trade-mark for therapeutic efficiency amongst the medical profession.

Yours most respectfully,

ORGANIC CHEMICAL MANUFACTURING CO.

WILLIAM N. STEWART, President.

We Manufacture and Carry in Stock Everything in Office and Hospital Furniture

*Bacteriological
Supplies*

*Leather
Goods*



Trusses

Belts

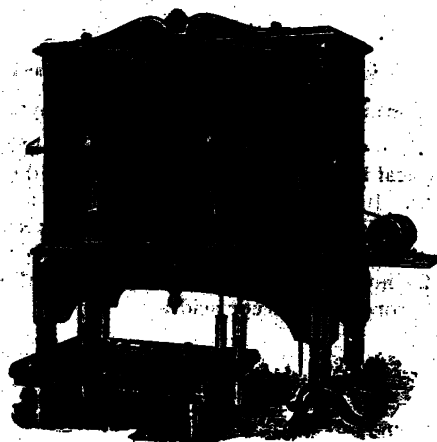
Crutches

Rubber Goods

SHUTTS, WALTERS & CO.

534-536 Sutter Street

SAN FRANCISCO



WASHINGTON, D. C., January 21, 1902

DR. HENRY E. WAITE, Pres. Waite & Bartlett Mfg. Co.

DEAR DOCTOR: After three months of capable, unprejudiced, exhaustive labor and research, the authorities at the Barnes Hospital, U. S. Soldiers' Home, Washington, D. C., have given us an order for the Waite & Bartlett Mfg. Co. Static Electrical Machine and X-Ray Outfit which has been on trial there in competition with the Van Houten & Ten Broeck's (Otis, Clapp & Co.) apparatus.

Crucial tests, which are absolutely impartial, were made during the period the machines were on trial, because it was the purpose of those in charge of the matter to buy the best apparatus obtainable.

Simultaneously with that trial, another investigation was in progress at the Children's Hospital in this city, where the same makes of apparatus were in full operation, and this institution also concluded that the Waite & Bartlett Mfg. Co. equipment was the best, and we likewise received their order for the complete outfit.

These orders are the outcome of painstaking investigation, and the victory of the Waite & Bartlett Mfg. Co. in both cases is one to be proud of, for their apparatus is thus stamped as the best now in the market, both for therapeutic purposes and X-Ray work.

Another fact to prove the excellence of the Waite & Bartlett Mfg. Co.'s apparatus is that there have been eleven of their Static Machines sold recently in Washington, the purchasers being as follows:

The U. S. Senate
Dr. F. E. Gibson
Dr. Robt. Reyburn
Dr. H. H. Hawhurst
The Children's Hospital

Dr. Frances B. Bishop
Dr. Gustavus Werber
Dr. Wm. H. Bishop
The Barnes Hospital, U. S. Soldiers' Home
Dr. F. A. Gardner (two outfits)

The U. S. House of Representatives
Dr. C. H. Heron
Dr. H. Krogstad
Dr. Mary Alice Brosius

Yours very truly,
Z. D. GILMAN

N. B.—This is a copy of letter received by us from our agent at Washington, which speaks for itself.

Yours truly,

WAITE & BARTLETT MANUFACTURING CO.

SEND FOR CATALOGUE

217 East Twenty-Third Street, NEW YORK

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

Cystogen Aperient
GRANULAR EFFERVESCENT SALT OF CYSTOGEN

*An Anti-Uric Aperient and Urinary Antiseptic,
Eliminant and Prophylactic.*

**CYSTOGEN APERIENT WILL PREVENT INVOLVEMENT OF THE
KIDNEYS DURING THE COURSE OF INFECTIOUS DISEASES.**

An effective prophylactic in all febrile conditions, particularly scarlet fever, diphtheria, typhoid and other infectious diseases accompanied by high temperature and retarding the activity of the kidneys. Stimulates excretion of urine and flushes the entire urinary tract with a dilute solution of formaldehyd, thus rendering the urine sterile. Inhibits the growth of pyogenic bacteria and prevents decomposition of urine.

Prevents formation of uric acid accumulations and dissolves concretions in their incipency.

CYSTOGEN APERIENT is particularly valuable in Gout, Rheumatism, Calculus, Cystitis, Gonorrhoea and all Infectious Fevers.

Dose: A heaping teaspoonful in water three or four times daily.

*Samples and literature will be furnished on
request of physicians.*

CYSTOGEN CHEMICAL CO., St. Louis, U. S. A.

Formula—Cystogen, (Hexamethylene-tetramin) 5 grs.; Sodium phosphate, 30 grs.; effervescent mixture q. s. to the teaspoonful, (tartaric acid, citric acid, bicarbonate of soda.)

**NON-TOXIC
NON-IRRITATING
HARMLESS**

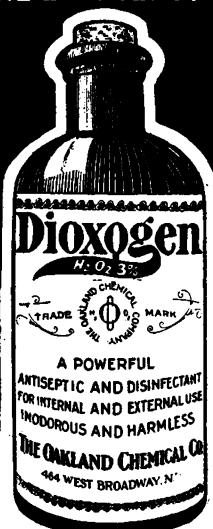
Dioxogen

$H_2 O_2$ 3%

SHOULD ALWAYS BE CARRIED IN
THE EMERGENCY BAG

**ANTISEPTIC
DISINFECTANT
DEODORANT**

Dioxogen is a medicinal solution of $H_2 O_2$ with a well established reputation for purity and reliability. It has for many years been known as "the kind that keeps" and is always specified by the careful prescriber.



It is a powerful germicide, but is harmless to healthy tissues; destroys pus and septic materials; has a "mechanical" action which dislodges dirt from accidental wounds. Of indispensable value in modern minor surgery. Adhered dressings easily and painlessly removed by its use.

**THE OAKLAND
CHEMICAL CO.**

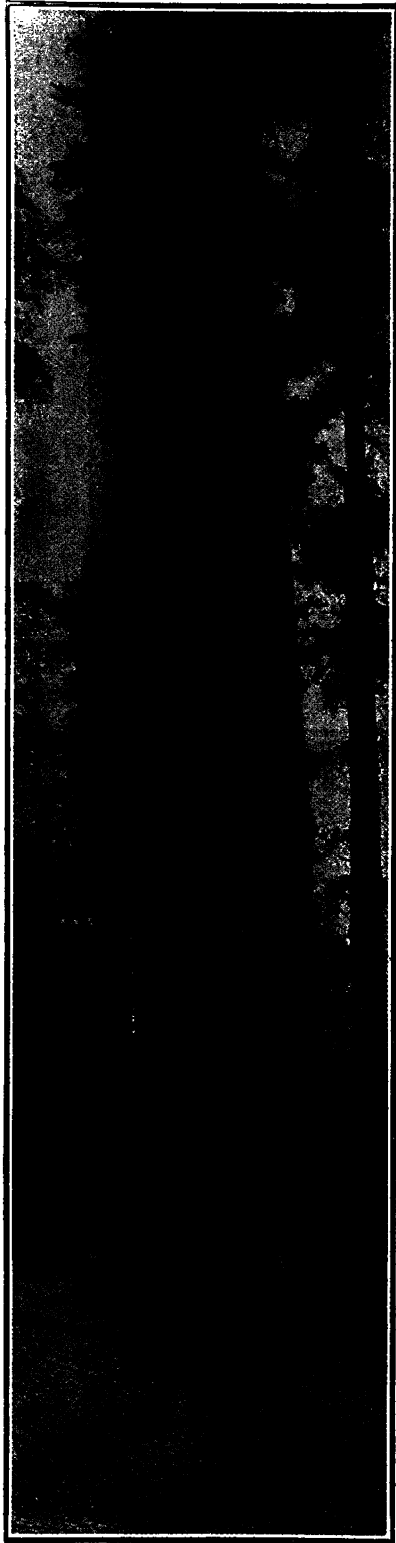
**464 WEST BROADWAY,
NEW YORK CITY.**

State Medical Registration Laws, complete, sent free on request. Mention this Journal.

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

"Wawona"



Stages Go Through It

SEE ALL THE FAMOUS

BIG TREES

as a part of your trip to

Yosemite Valley

by going

Southern Pacific

"Wawona," "Grizzly Giant," "The Fallen Monarch," and all the Big Trees of the famous Mariposa Grove, are reached only via Southern Pacific. This route is also unique in that it enters the valley at entrancing Inspiration Point and leaves via Glacier Point, making a full swing of all the Worth-While features. Comfortable sleeper to Raymond, easy stage coaches and oiled roads. Fine Meals en route and courteous guides.

Folder and full particulars

INFORMATION BUREAU

613 Market Street

San Francisco

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

Grand Canyon of Arizona

**A MILE DEEP, 13 MILES WIDE, 217 MILES
LONG AND PAINTED LIKE A FLOWER**

President Roosevelt visited the Grand Canyon May 6, 1903. In his notable speech on that occasion he said: "It fills me with awe; it is beyond comparison, beyond description. Keep it for your children, your children's children, and all who come after you, as the one great sight which every American should see."

A SHORT, INEXPENSIVE, AND EASY SIDE TOUR AND THE CHIEF ATTRACTION OF A TRIP TO CALIFORNIA

A RAILROAD TO THE RIM

Santa Fe Trains now run daily to the rim of the Grand Canyon at Bright Angel. No stage ride. Only three hours by rail from main line at Williams, Ariz. Stopovers granted on through railroad and Pullman tickets.

Round Trip Rate, Williams to Grand Canyon, \$6.50

Excellent hotels at Bright Angel and Grand View.

Reasonable prices for saddle stock and guides

New \$250,000 Hotel, "El Tovar," at Bright Angel, under management of Mr. Fred Harvey, is now open for guests

Ask any Santa Fe agent for free copy of pamphlet entitled "Titan of Chasms." For 50 cents a beautifully illustrated book may be had about the Grand Canyon—containing articles by noted writers, a fine map and cover in colors. For 25 cents a set of four black-and-white prints, ready for framing.

Apply to H. K. GREGORY, A. G. P. A.

SAN FRANCISCO

PERSONALLY CONDUCTED

and daily excursions in Pullman tourist sleeping cars without change from Los Angeles, Santa Barbara, Monterey, San Francisco, Bakersfield, Fresno, Lathrop, Stockton, Sacramento and other California points via the Southern Pacific, Union Pacific and Chicago & North-Western Railways through

TO CHICAGO

and the East. Fast trains. Excellent service. Dining car service a la carte. Choice of routes. Low round-trip rates. Double berth to Chicago only \$7.00.



Ask Southern Pacific ticket agents for full information.
R. R. RITCHIE, General Agent Pacific Coast,
C. & N.W. Ry., 617 Market St., Palace Hotel,
S. F. SOUTH, Gen'l Agent Pass'r Dept.,
U. P. R. R., 1 Montgomery Street,
SAN FRANCISCO.



A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

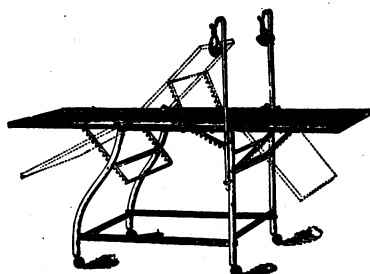
TELEPHONE SOUTH 595

A. BERBERT & BRO.

MANUFACTURERS AND IMPORTERS OF

SURGICAL INSTRUMENTS

ORTHOPEDIC APPLIANCES
TRUSSES, CRUTCHES
ELASTIC STOCKINGS
ABDOMINAL SUPPORTERS
— ETC. —



HOSPITAL FURNITURE MANUFACTURED

1550 MARKET STREET

Opposite Majestic Theatre SAN FRANCISCO, CAL.

Instrument Makers for the Orthopedic Service of the
CHILDREN'S HOSPITAL and the SAN FRANCISCO POLYCLINIC

THE OLD ESTABLISHED
HOUSE OF

G. A. W. FOLKERS

**Surgical
Instruments**

AND

HOSPITAL SUPPLIES

REMOVED FROM

Flood Building, 809 Market Street

TO

332 POST ST.**FACING UNION SQUARE****SAN FRANCISCO**

We have just issued a new Catalogue of Chemical Apparatus, the largest and
most complete we have put out. More than ever are we headquarters for

**Chemical Glassware, Microscopes
Bacteriological and Laboratory Supplies**

BAUSCH & LOMB OPTICAL CO. OF CALIFORNIA*Successors to PACIFIC MICRO MATERIALS CO.*

Telephone Main 5930

230 SUTTER ST., SAN FRANCISCO

**POLK'S MEDICAL REGISTER
AND DIRECTORY**

OF NORTH AMERICA
(ESTABLISHED 1886)

THE ONLY COMPLETE MEDICAL DIRECTORY

ITS INFORMATION IS PROCURED FROM ORIGINAL AND
OFFICIAL SOURCES

THE PUBLISHERS POSSESS

The Only Complete List of College Graduatesin existence, many colleges having become extinct, and the records of
others having been lost or destroyed.**R. L. POLK & CO., Publishers**

DETROIT - MICHIGAN

F. L. HEIM

FINE GRADES IN CORRECT STYLES AND

Orthopedic Shapes

ALSO MANUFACTURER AND IMPORTER OF

FINE SHOES

Agents for the Dr. A. Reed's Cushion Shoe, \$5.00. Shoe-
makers for the Orthopedic service of the Children's Hospital.

234 Stockton Street, Near Post St.

TELEPHONE BLACK 1162

SAN FRANCISCO

A. M. A. Principles of Ethics:**"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."**

Shasta Water

FOR HEALTH

In Siphons, Quart and Pint Bottles

MT. SHASTA MINERAL SPRING CO.
Sixth and Brannan Streets, San Francisco
Telephone South 548

ANNOUNCEMENT

Mr. W. H. Farley, formerly manager of Lengfeld's Pharmacy, Sutter Street, and Mr. W. S. Quinn, formerly manager of Wakelee & Co., Sutter Street, desire to announce that the store formerly owned by Wakelee & Co., Polk and Sutter Streets, San Francisco, has been purchased by them and will continue to be conducted as an up-to-date pharmacy in every respect, under the name of Wakelee's, and earnestly solicit your patronage.

N. W. MALLERY

111-112 Crocker Bldg., S. F.

(610 Market St.)

PHONE MAIN 612.

A General Line of Surgical
Instruments and Hospital
....Supplies....



SOLE AGENT FOR

Allison Operating Tables
and Cabinets

WEINHAGEN THERMOMETERS AND
HYPODERMIC SYRINGES

THE BEST PROOF

OF THE PURITY OF

OUR OLIVE OIL

Is contained in the following analysis received from
Professor Price, the eminent chemist:

Specific gravity, .9161; acid value, 5.02; saponification
value, 192; hehner, 95.30; iodine, 101.6; unsaponifiable, .75;
free fatty acid, 1.15; maumene test, 43.50.

J. F. PLUMEL

31 EDDY STREET, SAN FRANCISCO

DR. PETTEY'S RETREATS

FOR THE TREATMENT OF

ALCOHOL AND DRUG ADDICTIONS

958 DAVIE AVENUE, MEMPHIS, TENN.

1939 EAST EVANS AVE., DENVER, COLO.

1849 DWINELL STREET, OAKLAND, CALIF.

Methods employed render these addictions the most certainly and readily curable of all
the chronic ailments. For particulars address the Retreat most convenient to you.

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

CALIFORNIA COUNTY MEDICAL SOCIETIES.

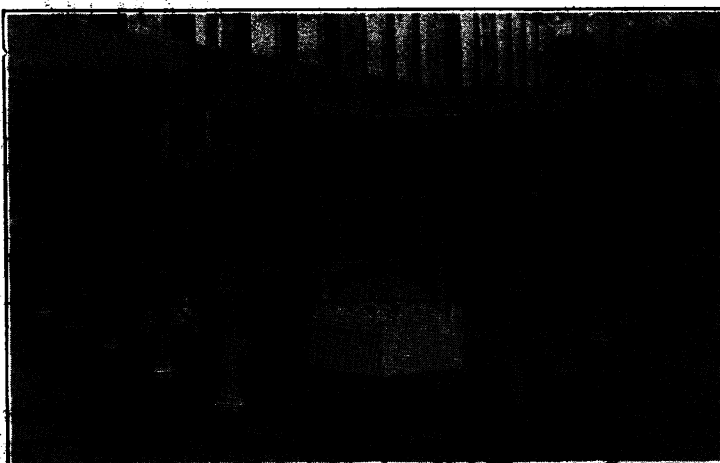
NAME	PRESIDENT	SECRETARY	MEETS
Alameda County Med. Association.....	E. W. Ewer, Oakland.....	A. H. Pratt, Oakland.....	Second Tuesday
Butte County Medical Society.....	Ella Gatchell, Chico.....	D. H. Moulton, Chico.....	First Tuesday
Contra Costa Medical Society.....	J. T. Brennenman, Martinez.....	J. S. Riley, Port Costa.....	First Monday, E. O. M.
Fresno County Medical Society.....	J. L. Martin, Fresno.....	Angus B. Cowan, Fresno.....	First Tuesday
Humboldt County Med. Society.....	G. W. McKinnon, Arcata.....	G. N. Drysdale, Eureka.....	Second Tuesday
Kern County Medical Society.....	T. W. Helm, Bakersfield.....	Wm. S. Fowler, Bakersfield.....	Third Monday
Kings County Medical Society.....	N. P. Duncan, Hanford.....	L. E. Felton, Hanford.....	Second Monday
Los Angeles County Med. Society.....	Jas. M. King, Los Angeles.....	Raymond G. Taylor, Los Angeles.....	First and third Friday
Marin County Medical Society.....	W. F. Jones, San Rafael.....	W. J. Wickman, San Rafael.....	First Saturday
Mendocino Co. Med. Society.....	E. W. King, Talmage.....	W. N. Moore, Ukiah.....	Quarterly
Merced County Medical Society.....	Edw. S. O'Brien, Merced.....	Walter E. Lilley, Merced.....	First Thursday
Monterey County Medical Society.....	Thos. C. Edwards, Salinas.....	Doras Brumwell, King City.....	First Saturday
Napa County Medical Society.....	D. E. Osborne, St. Helena.....	J. L. Arbogast, St. Helena.....	Quarterly
Orange County Medical Assn.....	F. E. Wilson, Westminster.....	H. S. Gordon, Santa Ana.....	Second Tuesday
Placer County Medical Society.....	Thos. M. Todd, East Auburn.....	J. H. Myles, East Auburn.....	March '04
Riverside County Medical Society.....	W. W. Roblee, Riverside.....	Sam'l Outwater, Riverside.....	Third Tuesday
Sacramento Society for Med. Imp.....	A. M. Henderson, Sacramento.....	J. W. James, Sacramento.....	Third Tuesday
San Benito County Medical Society.....	L. C. Hull, Hollister.....	J. M. O'Donnell, Hollister.....	First Monday
San Bernardino Medical Assn.....	Chas. C. Browning, Highlands.....	J. M. Hurley, San Bernardino.....	Second Wednesday
San Diego County Medical Society.....	P. J. Parker, San Diego.....	T. L. Magee, San Diego.....	First Friday
San Francisco County Med. Society.....	Emmet Rixford, San Francisco.....	H. E. Alderson, San Francisco.....	Second Tuesday
San Joaquin County Med. Society.....	R. B. Knight, Stockton.....	Barton J. Powell, Stockton.....	Last Friday
San Luis Obispo County Med. Soc.....	J. S. Jackson, San Luis Obispo.....	J. I. Knowlton, San Luis Obispo.....	Third Monday
Santa Barbara County Medical Society.....	H. G. Plymire, So. San Francisco.....	F. M. Seibert, San Mateo.....	Second Monday
Santa Clara County Med. Assn.....	W. H. Flint, Santa Barbara.....	W. B. Cannane, Santa Barbara.....	Third Wednesday
Santa Cruz County Medical Society.....	J. T. Harris, San Jose.....	F. H. Patterson, San Jose.....	Quarterly
Shasta Co. Medical Society.....	W. A. Phillips, Santa Cruz.....	Saxon T. Pope, Watsonville.....	Quarterly
Sonoma County Medical Society.....	O. J. Lawry, Redding.....	R. F. Wallace, Redding.....	Second Thursday
Tri-County Medical Society.....	Geo. Ivancovich, Petaluma.....	G. W. Mallory, Santa Rosa.....	
Tuolumne County Medical Society.....	F. K. Watters, Watsonville.....	S. T. Pope, Watsonville.....	
Ventura County Medical Society.....	E. T. Gould, Sonoma.....	C. F. English, Sonoma.....	
Yolo County Society for Med. Imp.....	W. R. Livingston, Oxnard.....	Chas. Teubner, Saticoy.....	First Monday
Yuba and Sutter Cos. Medical Soc.....	W. E. Bates, Davisville.....	F. R. Fairchild, Woodland.....	Quarterly
	J. H. Barr, Marysville.....	G. W. Stratton, Marysville.....	

Secretaries of County Societies are requested to notify the JOURNAL of any changes in above directory.

H. K. MULFORD COMPANY, RECIPIENT OF TWO GRAND PRIZES—THE HIGHEST AWARDS—AT THE WORLD'S FAIR

THE Supreme Jury of Awards of the St. Louis Exposition, composed of distinguished scientists from all parts of the world, awarded to the H. K. Mulford Company the Grand Prize for superiority in antitoxins, curative sera and vaccines, and the directors of their laboratories received special recognition by individual Gold Medals for scientific research work. Competition among the various manufacturers and producers of biological products was most keen.

The Jury also conferred upon this firm the Grand Prize for superiority of pharmaceuticals, friable tablets, triturates, soluble hypodermics, capsules, fluid extracts, elixirs, effervescent salts, etc. The Mulford exhibit in the Department of Hygiene, in the Educational Building, contained numerous colored photographs and models which distinctly pictured the various steps carried out in the production of vaccine and antitoxin and gave every evidence of the extreme care exercised in every department of their production. Each step in the production of antitoxin and every stage from the growth of the culture, production of toxin, the injection of the horses, bleeding of the horses and the administration of the serum to the patient were clearly demonstrated. The absolute cleanliness and marvelous precautions observed show that asepsis and antisepsis are rigidly followed in the preparation of the Mulford products. At a special request of the Government Commissioners of Hygiene, this noteworthy exhibit was located in the Educational Building instead of the Liberal Arts Building, where other manufacturers' products were displayed. Every American must feel with pride the recognition of these exceptional honors and rejoice that an American house has received the world's recognition so justly merited.



H. K. MULFORD COMPANY'S EXHIBIT

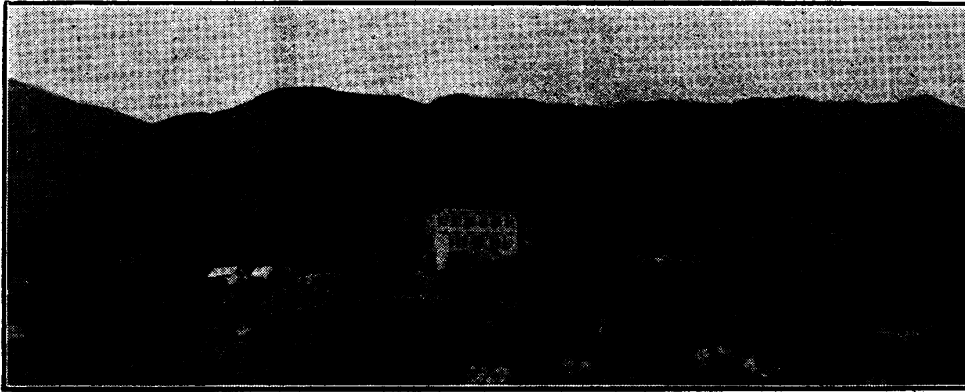
A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

THE POTTENGER SANATORIUM

FOR DISEASES OF THE LUNGS AND THROAT

F. M. POTTENGER, Ph. M., M. D., Physician-in-Charge



Located at Monrovia, 16 miles from Los Angeles, in the foothills of the **Sierra Madre Mountains**; 1000 feet above the sea; **free from storms and fogs**; surrounded by mountain scenery, beautiful cañons and gorges, overlooking the San Gabriel Valley with its world-famed orange groves. Three hundred days of sunshine in the year. Best all-year-round climate in the world. The **hygienic-dietetic-fresh-air treatment** is reinforced by all **scientific** measures which will aid in bringing about a recovery. Comfortable and homelike. Address **F. M. POTTENGER, Monrovia, Cal., or 601-603 O. T. Johnson Bldg., Los Angeles, Cal.**

EL SUEÑO



A delightful home for the treatment of brain and nerve diseases and the prevention of mental complications.

Situated at the entrance of the beautiful San Gabriel Valley, eight miles from Los Angeles and three from Pasadena, where climate and scenery promote the restoration of health.

Near both Electric and Steam Railroads.

Address

Francis E. Corey, M. D.

ALHAMBRA - - - CALIFORNIA

Osborne Hall

**SANTA CLARA
CALIFORNIA**

Cottage System

A Private Sanatorium for the care and training of children suffering from Nervous Disorders or Arrested Mental Development.

Under the Personal Management of

Antrim Edgar Osborne, M. D., Ph. D.

Formerly and for 15 years Superintendent of the California State Institution for the Feeble Minded, etc.

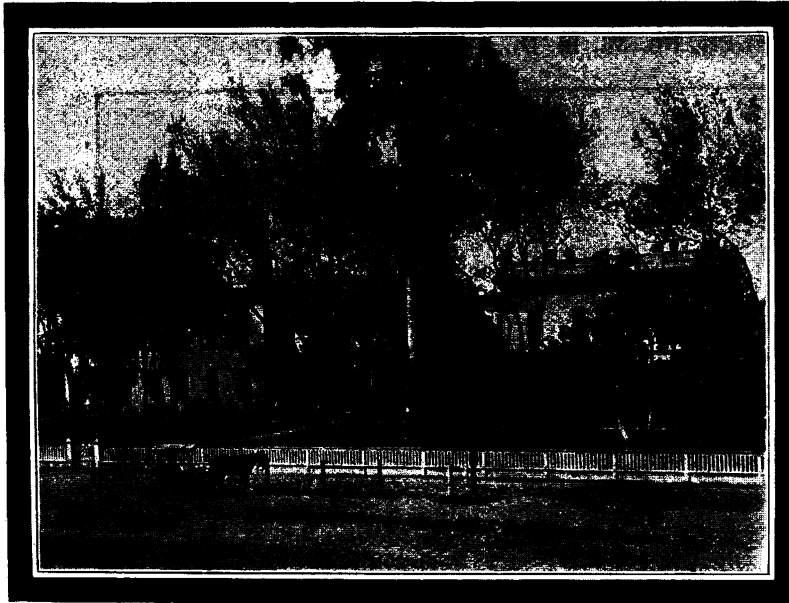
Accommodations in Separate Cottage for a few adult cases seeking Rest Cure and treatment for Drug Addictions.

Rates and other particulars on application.

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

CLARK'S SANITARIUM



For the care and treatment of Mental and Nervous Diseases and of Morphine and Alcoholic Habits, was established by Dr. Asa Clark, Medical Superintendent of the California State Hospital at Stockton.

The Sanitarium is located in the southwestern part of the City of Stockton and is surrounded by pleasant grounds, containing forty acres. The buildings are two stories in height and cover one acre. Their sanitary condition is perfect. The corridors are wide, airy and light, affording the patients who cannot be trusted out in the grounds, and all others on wet days, ample room for exercise. The appointments are modern and comfortable.

All Modern Electrical, X-Ray, Massage and Electro-Therapeutic Appliances

The food supplies and cooking are of the best; the milk, butter chickens and eggs being products of the place and abundant. Any patient may have a special attendant, if necessary, at a moderate additional cost.

Charges Moderate

Address for further information DR. F. P. CLARK, Medical Supt., or J. M. ANDERSON, Business Manager
P. O. Box 297. Phone, 351 Green Stockton, Cal.

The Mary Patton Hospital

(FORMERLY THE A. MILES TAYLOR SANATORIUM)



In the building adjoining, recently acquired, will be located a maternity department, an eye ward and a children's ward.

The Rates range from \$15 to \$100 per week.

No Contagious Diseases Admitted

Call on or Address
Mary Patton,
Superintendent

Phone East 585

1106 and 1108 Post St., Bet. Polk and Van Ness Ave., San Francisco
STAFF OF GRADUATE NURSES IN ATTENDANCE

San Francisco Lying-in Hospital

CLEMENT ST., BETWEEN 29th AND 30th AVES.

TELEPHONE PINE 3043

BOARD OF DIRECTORS

MR. WM. M. PIERSON, President; MR. E. C. SUTLIFF, Secretary;
MR. JOSEPH HUTCHINSON, Treasurer; MR. JOHN ELLIOTT,
MR. LUCIUS H. FOOTE, MR. WM. GREER HARRISON,
MR. SHELDON G. KELLOGG, MR. GEO. LEONARD,
REV. BRADFORD LEAVITT, MR. HERBERT
W. LEWIS, MR. CHARLES A. MURDOCK

ATTENDING PHYSICIANS

DR. LUCIA M. LANE, 1214 Hyde St.
DR. VIRGINIA W. SMILEY, 1214 Hyde St.
DR. EMILY G. HARRISON, Resident Physician

CONSULTANTS

DR. HENRY GIBBONS, JR., 920 Polk St.
DR. C. VON HOFFMAN, 1014 Sutter St.
DR. WM. WATT KERR, 1200 Van Ness Ave.
DR. D. W. MONTGOMERY, 1301 Van Ness Ave

SUPERINTENDENT

LUCIA M. LANE, M. D.

Terms: \$10 to \$25 per week. Each patient has a separate room.

Special arrangements by the month before confinement

Above Terms cover Nursing, Medicines and Board. Professional Fees are between the Patient and Physician. Reputable Physicians may attend Patients in this Hospital with full assurance of receiving professional courtesy.

A. M. A. Principles of Ethics:

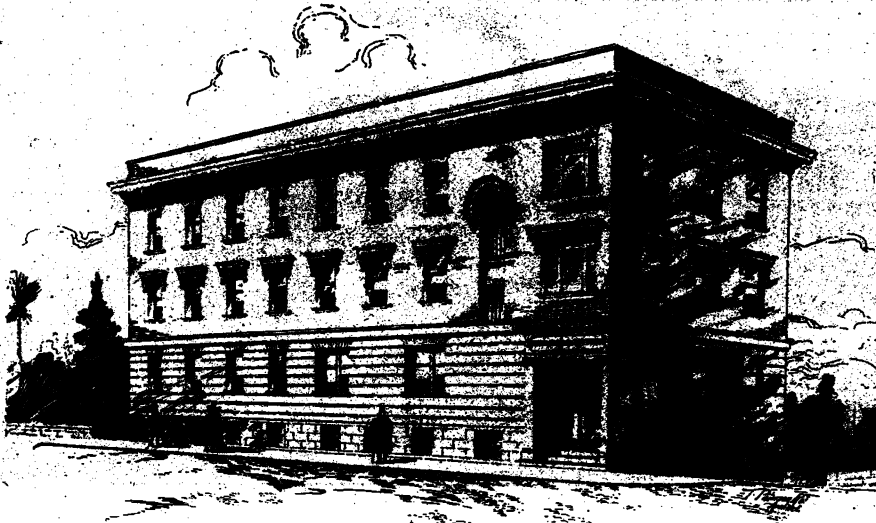
"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

The Scobie Memorial Sanitarium

MRS. JAMES SCOBIE, President
MISS ISABELLA F. McBEAN

INCORPORATED MARCH 1904, BY
CHAS. E. BEEBE, M. D., Resident Surgeon
MISS JOHAN C. F. McBEAN

RICHARD F. McBEAN, Secretary
MISS JOHAN C. F. McBEAN



Open to all reputable physicians who may treat their patients there and rest fully assured of receiving all professional courtesies.

Special facilities offered for surgical work, the operating rooms being thoroughly equipped with all the latest appliances of modern surgery.

A very efficient staff of graduate nurses.

Northwest Corner Page Street and Masonic Avenue, San Francisco

Vapor, Needle and Electric Baths, Massage a Specialty

HEATED THROUGHOUT BY STEAM NO CONTAGIOUS CASES RECEIVED

Rates from \$15 to \$50 per Week

Phone Park 594

APPLY TO THE SECRETARY

THE Garden City Sanitarium

SAN JOSE, CALIFORNIA

A well regulated and thoroughly equipped institution, based upon physiological therapeutics.

Scientific Hydriatic Treatments as developed by Currie, Winternitz and others, together with Massage, Dry Hot Air, Electric Light Baths, Vibratory Treatments, etc. X-Ray and all varieties of electricity. Liberal diet.

A Corps of Trained Nurses of Both Sexes
Laboratory of Hygiene fully equipped for
Blood Analysis, Stomach Fluids, Urinalysis
and Bacteriological Work, etc.

An ideal location, fifteen minutes' walk from center of city, one block from electric cars. Pleasant surroundings, 5½ acres in grounds, with shade, etc.

Conducted within ethical lines. Physicians are invited to visit the institution.

GARDEN CITY SANITARIUM
EAST SAN JOSE, CAL.

THE McNUTT HOSPITAL

A PRIVATE SANATORIUM

With a Full Corps of
Trained Medical and
Surgical Nurses

HOSPITAL CHARGES, \$15 to \$50 per week

1220 SUTTER STREET
SAN FRANCISCO

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

ST. LUKE'S HOSPITAL

VALENCIA ST.
Near Junction of Mission
SAN FRANCISCO, CAL.

A. N. DROWN, President SIDNEY M. VAN WYCK, JR., Secretary
CHAS. D. HAVEN, Vice-Pres. VEN. JOHN A. EMERY, Treas. and Mgr.
WM. C. CHILSON, M. D., Resident Physician



This hospital is situated in a healthy part of the city. It has been thoroughly renovated, new plumbing and sewerage, newly painted throughout and is in most excellent sanitary condition. Special attention given to the cooking and serving of food. **RATES**—Bed in ward, \$12 per week. Private rooms, from \$14 to \$40, according to size and location, including board, medicines, nursing, etc. Physicians can attend their own patients without fear of interference, and every professional courtesy will be extended.

ATTENDING STAFF: Washington Dodge, M. D., Clark J. Burnham, M. D., Geo. H. Evans, M. D., Physicians; C. G. Kenyon, M. D., Harry M. Sherman, M. D., L. W. Allen, M. D., Surgeons; C. A. Von Hoffman, M. D., W. I. Terry, M. D., F. B. Carpenter, M. D., Gynecologists; Geo. H. Powers, M. D., E. K. Hopkins, M. D., Eye, Ear, Nose and Throat; Mary G. Halton, M. D., Pathologist.

Waldeck Hospital

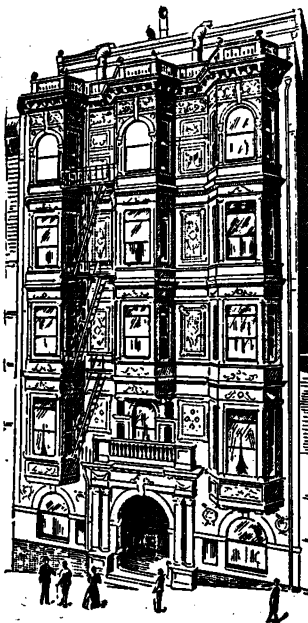
717 JONES STREET, SAN FRANCISCO, CAL.

Telephone East 171

**PRICES, \$15 to \$50
Per Week**

**PRIVATE HOSPITAL
FOR INVALIDS**

This Institution is open to all Reputable Physicians. Special facilities for Surgical Work. A private Hospital where Invalids may have the advantages of every modern aid in the treatment of non-contagious diseases. Bacteriological examinations made weekly of all operating room materials. A complete armamentarium of all the latest instruments and electrical appliances at the disposal of all physicians. Special apparatus for Aurists and Oculists, including all modern electrical appliances for Cranial and Mastoid operations.

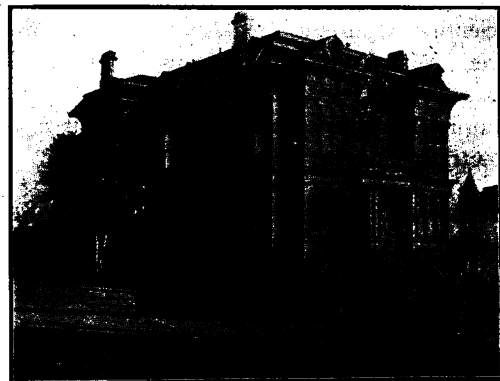
**ST. THOMAS HOSPITAL**

300 Page Street, Corner Laguna
SAN FRANCISCO, CAL.

DIRECTORS

E. E. KELLY, M. D. E. G. FRISBIE, M. D.
C. A. DOZIER, M. D. E. M. BIXBY, M. D.

J. F. PRESSLEY, M. D., Resident Physician



The St. Thomas is a medical and surgical hospital, centrally located, away from the noise of street cars.

Open to all reputable physicians with freedom from interference.

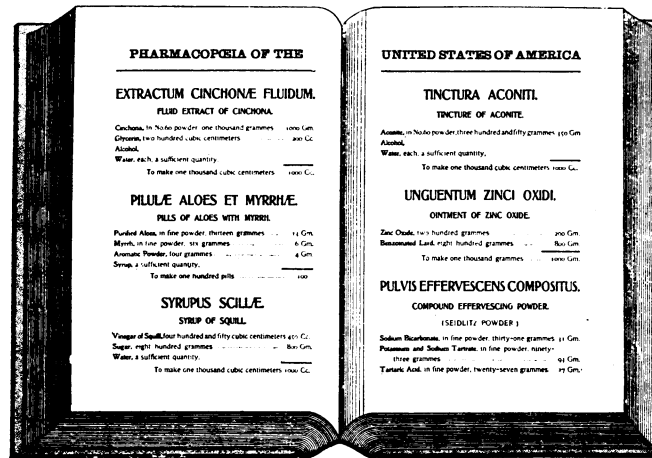
Rooms sunny, nursing first class; service of Resident Physician when required.

Call or write for further information.

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

OUR STANDARD IS THE



NATIONAL PHARMACY CO.

MANUFACTURERS

SAN FRANCISCO

CALIFORNIA

EAST BAY SANATORIUM

OAKLAND, CAL.

1505 TELEGRAPH AVE., COR. 31st ST.

TELEPHONE MAIN 276

This entirely private and well-equipped institution has a charming and healthful location, and is conducted as a medical and surgical hospital for the accommodation of the patients of Regular Physicians. For seven years (founded in Nov., 1896) the policy of reserving its service for the regular profession has been strictly and ethically followed.

Personal inspection and correspondence invited.

CARL R. KRONE, A. M., M. D.
Physician and Surgeon in Charge

THE CALIFORNIA HOSPITAL

(Opened June 1st, 1898)

An Elegant Hotel for the Sick

Heated by Steam; lighted by both Electricity and Gas; one hundred and twenty sunny rooms; a resident Physician and a corps of sixty Nurses; the Furniture made especially for this Hospital; five well equipped Operating Rooms; five delightful Verandas; a Roof-garden, forty feet wide by sixty feet long; reached by all street car lines, directly or by transfer. Members of the medical profession will be given every modern facility for the treatment of their patients. Physicians themselves and members of their families who find it necessary to leave home for medical and surgical treatment will be given particular attention.

Address THE CALIFORNIA HOSPITAL

1414 South Hope St.
Los Angeles, Cal.

A. M. A. Principles of Ethics:

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

Cooper Medical College

COR. OF SACRAMENTO AND WEBSTER STS.
SAN FRANCISCO, CAL.

FACULTY.

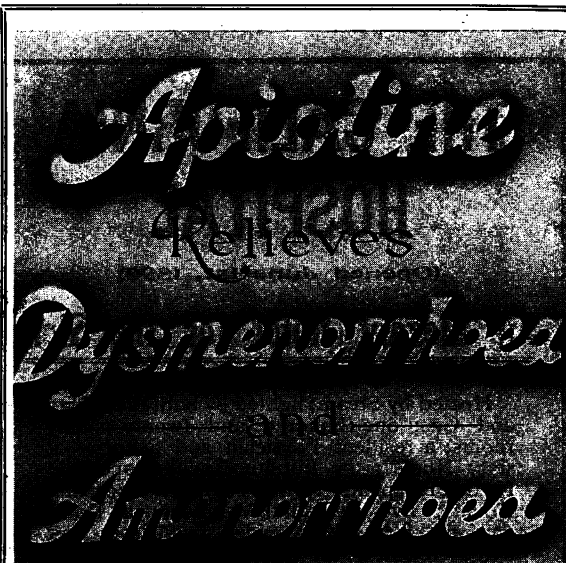
C. N. ELLINWOOD, M. D., LL. D., Professor of Physiology, and President.
ADOLPH BARKAN, M. D., Professor of Ophthalmology, Otolaryngology, and Laryngology.
HENRY GIBBONS, JR., A. M., M. D., Professor of Obstetrics and Diseases of Women and Children, and Dean.
JOS. O. HIRSCHFELDER, M. D., Professor of Clinical Medicine.
A. M. GARDNER, M. D., Professor of Legal Medicine, Mental and Nervous Diseases.
W. T. WENZELL, M. D., Ph. M., Emeritus Professor of Chemistry.
STANLEY STILLMAN, M. D., Professor of Surgery.
EMMET RIXFORD, B. S., M. D., Professor of Surgery.
WM. FITCH CHENEY, B. L., M. D., Professor of Principles and Practice of Medicine, and Secretary.
WM. OPHÜLS, M. D., Professor of Pathology.
GEO. F. HANSON, Ph. G., M. D., Professor of Materia Medica and Therapeutics.
GEO. B. SOMERS, A. B., M. D., Professor of Gynecology.
WALTER E. GARREY, Ph. D., Acting Professor of Physiology.
ALBERT H. TAYLOR, M. D., Professor of Anatomy.
And a corps of Lecturers, Clinical Instructors and Demonstrators.

Attendance is required upon four regular courses of lectures, of eight months each.

The course begins August 15th of each year.

For detailed information, address the Secretary at the College, corner of Sacramento and Webster Streets.

HENRY GIBBONS, JR., M. D. WM. FITCH CHENEY, M. D.
Dean Secretary



Not to be confounded with so-called "apiol," which is merely an oil of parsley containing more or less of the true active principle, apiole. Professor Laborde's experiments (on animals) prove apiole to have emmenagogue properties, which stimulate the nerve ends of the ovaries and uterus, thus inducing vascular dilatation of the genito-spinal tract.

Dispensed in capsules of 4 minims each.

Dose. One, morning and evening before and during menstruation.

Agents, E. FOUGERA & CO., New York

LANE HOSPITAL

COR. CLAY AND WEBSTER STREETS
SAN FRANCISCO, CAL.

BOARD OF MANAGERS

DR. HENRY GIBBONS JR., President DR. GEO. F. HANSON, Secretary
DR. C. N. ELLINWOOD, Treasurer
DR. WILLIAM FITCH CHENEY DR. STANLEY STILLMAN
DR. EMMET RIXFORD



Lane Hospital is new and has all the modern improvements and sanitary conditions of a first-class hospital. It is perfectly ventilated and heated, and its great cleanliness and dietary management commend it to physicians and patients.

Hospital charges cover board, medicines, nursing, and attention from house physicians.

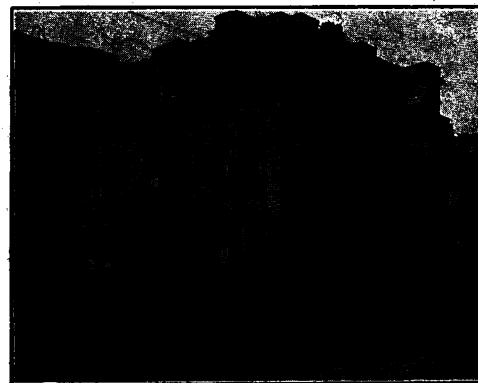
Lane Hospital is open to any reputable physician, who may treat his patient there in the full assurance of receiving all professional courtesies. For further information address the Secretary.

Clara Barton Hospital

502 Geary Street, SAN FRANCISCO

A First-Class Private Institution for Care of Non-Contagious Cases

NURSING UNEXCELLED



Operating Rooms are thoroughly equipped with all appliances of modern surgery. Any reputable physician may send his patients here with the assurance of receiving every professional courtesy.

Hospital open for Professional Inspection at any time

The following gentlemen are directly connected with the management of the Hospital:

DR. J. H. BARBAT DR. H. B. A. KUGELER
DR. W. F. BARBAT DR. E. L. WEMPLE
DR. J. A. BLACK DR. E. L. WEMPLE, JR.

A. M. A. Principles of Ethics

"It is equally derogatory to professional character for physicians to disguise or promote the use of secret remedies."